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# UNITED STATES DEPARTMENT OF AGRICULTURE

## AGRICULTURAL RESEARCH ADMINISTRATION

### BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

#### SERVICE AND REGULATORY ANNOUNCEMENTS

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### LIST OF INTERCEPTED PLANT PESTS, 1946<sup>1</sup>

(List of Pests Recorded During the Period July 1, 1945 to June 30, 1946, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

#### INTRODUCTION

This report, covering the thirty-third year for which interception lists have been issued, summarizes the records of insect pests and plant pathogens found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who determine a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to see that they conform to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of plant materials cannot be verified in all cases, and doubtful items are either omitted or the origin is listed as unknown. In that connection it should be pointed out that facts coming to attention since publication of the List of Intercepted Plant Pests for 1945 indicate that the citrus canker, reported from Australia, originated in some other citrus-growing region of the world.

The end of hostilities in Asia and the return home of many persons in military service during the year, tended to reduce the number of interceptions in service mail and baggage.

Aircraft arrivals during the year showed an increase, both because of the return of many military craft and the resumption of commercial air transport activities, but cooperation of air lines and service personnel in the enforcement of plant quarantine regulations kept the transportation of potentially dangerous plant material at a relatively low point.

#### INTERCEPTIONS FROM AIR-BORNE MATERIAL

Mail, baggage, express, and some freight arrive by airplane. Interceptions under those various categories have been frequent. Of the 3,314 recorded insect interceptions taken on air-borne material, 978 were from baggage, 1,072 from

<sup>1</sup> Compiled by W. H. Wheeler, pathologist, Judith Hunt, scientific aid, and E. P. Reagan, entomologist, Division of Foreign Plant Quarantines.



cargo, 25 from mail, 1,202 from quarters, and 37 from stores. Of the 236 plant disease interceptions, 77 were from baggage, 41 from express, 24 from cargo, 86 from mail, and 8 from quarters and stores. Approximately two-thirds of the plant disease organisms were not determined to species and, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically determined but not recorded in the United States are, however, known to be important parasites of their hosts in foreign countries. These totals for plant disease interceptions, while not large, serve to illustrate the disease-carrying possibilities of plant materials brought to this country by air transportation.

Among the insects found in air-borne material were: The whitefly *Aleurothrixus myrtacei* on Cape-jasmine leaf in baggage from Guatemala and Mexico; the Mexican fruitfly (*Anastrepha ludens*) in orange in baggage from Guatemala, in orange in stores, and in mango, sapote, and sweet lime in baggage from Mexico; the West Indian fruitfly (*A. mombinpraeoptans*) in mango and *Spondias* sp. in baggage from Guatemala, in guava and mango in baggage from Puerto Rico, in mango in baggage from the American Virgin Islands, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Salvador, and the Virgin Islands, and in yellow mombin in baggage from Nicaragua; *A. mombinpraeoptans* (?) in yellow mombin in baggage from Salvador, and in mango in baggage from Guatemala, Honduras, and Nicaragua; *A. serpentina* in mamey and sapodilla in baggage from Nicaragua, and in sapodilla in baggage from Venezuela; *A. striata* (?) in guava in baggage from Honduras; *A. suspensa* in guava in quarters from the Dominican Republic, and in guava in baggage from Puerto Rico; the Mediterranean fruitfly (*Ceratitidis capitata*) in avocado in stores from Hawaii, and a pupa of *Ceratitidis* sp., probably *capitata*, on paper packing of grapes in baggage from the Azores; *Cylas formicarius elegantulus* in sweetpotato in baggage from Cuba, Jamaica, and Puerto Rico; the olive fly (*Dacus oleae*) in ripe olives in baggage from Italy, and processed olives in stores from Mexico; the East Indian bean pod borer (*Maruca testulalis*) in pigeonpea in baggage from Puerto Rico; the pink bollworm (*Pectinophora gossypiella*) in cotton and cotton boll in baggage from the Bahamas, in cottonseed in cargo from Brazil, and in baggage from Cuba and Egypt; also in seed cotton in service mail, origin unknown, and in okra in baggage from Puerto Rico; the apple maggot (*Rhagoletis pomonella*) (?) in apple in quarters from Mexico.

The more important plant disease organisms found on air-borne material, hitherto not believed to be in the United States, were *Cercospora primulae* on primrose in baggage from France, *Colletotrichum cajani* on pigeonpeas in baggage from the Dominican Republic and Puerto Rico, *Elsinoe phaseoli* on lima beans in baggage and cargo from Puerto Rico and the Virgin Islands, *Macrophoma oleandri* on oleander in baggage from Bermuda, *Phoma camelliae* on camellia in baggage from Switzerland, *Phyllosticta euphorbiaecola* on poinsettia in baggage from Mexico, *P. laeliae* on *Cattleya* orchid in express from Colombia, *Phyllosticta* sp. on oleander in baggage from the Virgin Islands, *Puccinia buxi* on boxwood in baggage from France, *Ramularia* sp. on lettuce in cargo from Cuba, *Uredo guacae* on orchid from Costa Rica, and *Valsa chlorina* on coconut from Guam.

## NOTES ON INSECTS INTERCEPTED

### FRUITFLIES

*Anastrepha fraterculus* was intercepted in grapefruit from Brazil and *A. fraterculus* (?) in orange from Brazil. The Mexican fruitfly (*A. ludens*) was taken in orange from Guatemala and Mexico, in mango from Mexico and Nicaragua, and in apple, avocado, grapefruit, guava, peach, pear, pomegranate, quince, sapote, sour orange, sweet lime, and white sapote from Mexico. Three pupae of *A. ludens* were found in an empty railway car from Mexico which had been carrying mangoes. The West Indian fruitfly (*A. mombinpraeoptans*) was intercepted in cashew and mango from Puerto Rico, and in mango from the American Virgin Islands, Cuba, Dominican Republic, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Salvador, and Virgin Islands, and *A. mombinpraeoptans* (?) in *Spondias mombin* from Mexico and Salvador. *A. serpentina* was intercepted in mamey from Mexico and Nicaragua, and in sapodilla from Nicaragua and Venezuela. *A. striata* was taken in guava from Honduras. *A. suspensa* was found in guava from the Dominican Republic and Puerto Rico. The Mediterranean fruitfly (*Ceratitidis capitata*) was intercepted in avocado, sweet lime, and tomato from Hawaii; in grapefruit from India, Palestine (?), Spanish Morocco, Spain, Turkey (by purchase), Union of South Africa, and Uruguay; in lemon from Mozambique,



loquat from Algeria, orange from Algeria, Portugal and Spain, surinam cherry from Bermuda, and tangerine from Italy; and an adult was intercepted on an airplane from the South Pacific area. The melon fly (*Dacus cucurbitae*) was intercepted in avocado, cucumber, papaya, pepper, squash, and string bean from Hawaii. *D. dorsalis* (?) was taken in mango from Hawaii. The olive fly (*D. oleae*) was found in ripe olives from Italy and processed olives in stores of an airplane from Mexico. The apple maggot (*Rhagoletis pomonella*) was intercepted in *Crataegus* sp. and *R. pomonella* (?) in apple from Mexico. *R. striatella* was taken in husk tomato from Mexico.

#### INSECTS OTHER THAN FRUITFLIES

*Aceria tulipae*, an unusual species of the Eriophyid mite, was found on garlic from Mexico. The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on mango and sour lime leaves from Mexico. *Aleurothrixus myrtacei* was taken on Cape-jasmine leaves from Guatemala and Mexico. *Aspidiotus corticis-pini* (Coccidae) was found on five-leaved pine from Japan. *Baris laticollis* (Curculionidae) was found in kale from the Azores and in turnip from England. Vetch from the Azores, Holland, and Portugal was infested with the bruchid (*Bruchus luteicornis*). The Asiatic rice borer (*Chilo simplex*) was taken in rice straw from China. *Cylas formicarius formicarius* was intercepted in sweetpotato, for use as animal feed, from India. The Tahitian coconut weevil (*Diocalandra taiensis*) was taken in coconut husk from Hawaii. *Epicaerus cognatus* (Curculionidae) was taken in potato from Mexico. *Gnorimoschema plaesiosema* (Gelechiidae) was found in potato from Chile. *Haplothrips cottei* was intercepted on carnation from Greece. *Leucinodes elegantalis* was taken in tomato from Mexico. *Myzus duffieldii* (Aphidae) was found on crocus bulb from the Netherlands. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cottonseed from Brazil, China (?), Cuba, Egypt, Hawaii, Mexico, and in service mail, origin unknown; also in seed cotton from Mexico and in service mail, origin unknown; cotton boll from the Bahamas and Hawaii; cotton lint and gin motes from Argentina; and okra from Panama and Puerto Rico. *Parlatoria citri* (Coccidae) was found on pomelo from the Malay States and lime from New Guinea. The curculionid, *Phyllobius pyri*, was taken in roots of quack grass from Belgium. *Sinoxylon sexdentatum* (Bostrichidae), a European species introduced into the Mediterranean region, was taken from poles of an unidentified wood from Portugal. The West Indian sweetpotato weevil (*Euscepes postfasciatus*) was intercepted in sweetpotato from Brazil, Hawaii, Panama, Puerto Rico, and Venezuela.

#### NOTES ON PLANT DISEASES INTERCEPTED

The interception of a potato tuber smut (*Thecaphora solani*) on tubers of *Solanum stoloniferum* arriving from Mexico in baggage, considerably extends the northern range of this potentially serious potato disease, formerly reported only from northern South America. Also of real importance are several interceptions of citrus canker (*Xanthomonas citri*) on sour limes from Ceylon, India, Kenya, and the Philippines; on grapefruit from Ceylon and India; and on sweet orange from India. It is interesting to note that interceptions for the year from Ceylon and India exceeded the total of all such interceptions from those localities for all the former years during which records have been kept. Other diseases worthy of note were citrus black spot (*Phoma citricarpa*) on lemon and sweet orange from Australia; sweet orange scab (*Elsinoe australis*) on sour lime, lemon, and sweet orange from Argentina, Brazil, and Uruguay; spot anthracnose (*Elsinoe piri*) on apple from Spain; Dutch elm disease (*Ceratostomella ulmi*) on elm wood from England; a coffee leaf spot (*Cercospora herrerana*) on a coffee plant from Mexico; a rust disease of orchids (*Hemileia oncidii*) from Brazil; a leaf spot (*Leptosphaeria azaleae*) of rhododendron from England; a leaf spot (*Mycosphaerella hondai*) of rice from Japan; a kernel smut (*Neovossia horrida*) of rice in soldier's mail from an unknown foreign source; a leaf blight (*Phyllosticta miurai*) of rice of uncertain origin but known to be from the Orient; and a rust disease (*Uredo anthuri*) of *Anthurium* from Guatemala.

Of the 373 species of pathogens or other organisms listed in the table, 56 were new to the interception files. Interceptions of the other 317 pathogens showed 137 new countries of origin and 82 new hosts. A fruit rot of tomatoes arriving from Mexico during the year has been described as new, under the name *Helminthosporium carposaprum*.

## COMMON PESTS INTERCEPTED

During the course of inspection for pests new to or not widely distributed in this country cosmopolitan forms are found in large numbers. Some of these findings have been customarily recorded through the years to indicate the pest-carrying possibilities and condition of material offered for entry. The identification of such cosmopolitan organisms has also served to make sure new pests resembling common pests are not being overlooked. Such records as were made are summarized here. The first number following the name of a pest indicates the number of countries of origin, and the second, the total number of interceptions that were recorded during the year.

## INSECTS

Insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (10-30), *Ahasverus advena* (21-60), *Anthonomus eugenii* (2-1,569), *Aonidiella aurantii* (13-69), *Aphis gossypii* (8-15), *Araecerus fasciculatus* (16-33), *Aspidiotus cyanophylli* (8-22), *A. hederæ* (8-20), *A. lataniae* (21-83), *Carpocapsa pomonella* (7-177), *Cerataphis lataniae* (9-122), *Chrysomphalus aonidum* (24-111), *C. dictyospermi* (20-88), *Coccus acuminatus* (11-73), *C. hesperidum* (12-37), *Diaspis boisduvalii* (22-554), *D. bromeliae* (3-148), *Ephestia cautella* (8-12), *Etiella zinckenella* (4-27), *Gnorimoschema operculella* (11-44), *Heliothis armigera* (12-7,093), *H. virescens* (4-128), *Howardia biclavus* (9-23), *Keiferia lycopersicella* (3-5,462), *Laphygma exigua* (1-107), *L. frugiperda* (2-294), *Lasioderma serricornis* (12-36), *Lepidosaphes beekii* (42-305), *L. gloverii* (13-46), *Lorita abornana chatka* (1-38), *Macrosiphum luteum* (7-60), *Myzus persicae* (8-21), *M. porosus* (10-24), *Murgantia histrionica* (1-109), *Necrobia rufipes* (11-28), *Oryzaephilus surinamensis* (19-47), *Parlatoria pergandii* (20-71), *P. proteus* (7-21), *Pinnaspis aspidistrae* (5-13), *P. minor* (5-23), *Plodia interpunctella* (11-36), *Plutella maculipennis* (8-80), *Pseudococcus adonidum* (19-86), *P. brevipennis* (10-150), *P. citri* (9-24), *P. maritimus* (5-11), *Pseudoparlatoria parlatoriioides* (8-35), *Rhizoglyphus echinopus* (24-154), *Rhizopertha dominica* (7-19), *Saissetia hemisphaerica* (22-129), *S. nigra* (6-11), *S. oleae* (8-34), *Selenaspidus articulatus* (16-77), *Sitophilus oryzae* (26-62), *Stegobium paniceum* (8-10), *Sterictiphora zabriskiei* (1-828), *Tenebroides mauritanicus* (11-19), *Thrips tabaci* (8-30), *Tribolium castaneum* (20-40), *Typhaea stercoraria* (15-43).

In addition, there were 1,852 interceptions belonging to 659 species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing by species. The number of interceptions of more or less cosmopolitan species totaled 21,139.

## DISEASES

Common plant pathogens reported 10 or more times during the year included *Actinomyces scabies* (14-154), *Alternaria porri* (1-36), *A. solani* (2-31), *A. tomato* (2-1,009), *Aplanobacter michiganense* (1-12), *Aspergillus niger* (13-311), *Bacterium marginatum* (8-349), *B. vesicatorium* (2-2,099), *Botrytis allii* (2-17), *B. cinerea* (8-18), *B. narcissicola* (5-42), *B. tulipae* (1-10), *Cercospora beticola* (1-14), *C. rosicola* (5-63), *Cladosporium fulvum* (3-56), *Colletotrichum circinans* (1-428), *C. gloeosporioides* (11-137), *C. lindemuthianum* (4-15), *C. orchidearum* (12-95), *C. phomoides* (2-15), *Cylindrosporium chrysanthemi* (1-61), *Diaporthe citri* (19-55), *Diplocarpon rosae* (2-19), *Diplodia natalensis* (18-65), *Endoconidiophora paradoxa* (7-74), *Erwinia caratovora* (5-42), *Erysiphe polygoni* (1-22), *Fusarium solani* (1-54), *Gloeosporium limeticolum* (7-42), *Helminthosporium allii* (4-1,198), *Heterodera marioni* (9-18), *Heterosporium echinulatum* (6-48), *Lethum australiense typicum* (1-249), *Marmor tabaci vulgare* (1-401), *Oospora citri-aurantii* (3-24), *O. lactis parasitica* (1-30), *Pellicularia filamentosa* (5-450), *Penicillium digitatum* (1-78), *P. expansum* (9-19), *P. gladioli* (3-70), *P. italicum* (8-26), *Phoma destructiva* (5-73), *Phytophthora parasitica* (2-39), *Puccinia chrysanthemi* (1-34), *P. graminis* (19-123), *P. rubigo-vera* (12-29), *Pythium debaryanum* (1-31), *Rhizopus nigricans* (15-1,456), *Sclerotinia sclerotiorum* (6-18), *Sclerotium oryzae* (4-39), *Septoria gladioli* (3-156), *Sphaeloma fawcetti* (18-66), *Sphaerotheca pannosa* (3-20), *Spondylocadium atrovirens* (6-11), *Stromatinia gladioli* (5-112), *Tilletia caries* (1-57), *Trichothecium roseum* (9-46), *Uromyces caryophyllinus* (3-31), *Venturia inaequalis* (17-49), *Verticillium cinnabarinum* (10-33).

Interceptions of 80 other common pathogens totaled 219, making 10,598 interceptions of common diseases recorded during the year.



## INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material, in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

## INSECTS

Among the incompletely determined insects intercepted were the following: *Anastrepha* sp., probably *fraterculus*, taken at New York in grapefruit in stores from Argentina, and at New York and Philadelphia in orange in stores from Brazil; *Anastrepha* sp., probably *ludens*, taken at Eagle Pass in mango in baggage from Mexico, at El Paso in orange in baggage from Mexico, and at Brownsville in sapote in quarters from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at El Paso in mango in baggage from Nicaragua and Salvador, at New Orleans in mango in baggage from Guatemala, and in mango in quarters from Mexico, at New York in mango in mail from Puerto Rico, at Philadelphia in mango in baggage from Puerto Rico, at New Orleans in yellow mombin in baggage from Salvador, and at El Paso in yellow mombin in baggage from Mexico; *Anastrepha* sp., probably *serpentina*, at Laredo in namey in baggage from Mexico; *Anastrepha* sp. at Baltimore, Galveston, New Orleans, New York, and Philadelphia in oranges in stores from Brazil, at Miami in cactus in baggage from Colombia, in *Castilla elastica* in baggage from Nicaragua, in cherimoya in baggage from Ecuador, in *Couma macrocarpa* in baggage from Brazil, in rose apple in baggage from Cuba, in mango in baggage from Salvador, in sapodilla in baggage from Cuba, and in quarters from Venezuela, at Norfolk in mango in stores from Panama, at New Orleans in orange in quarters from Brazil, and in plum in baggage from Nicaragua, and at New York in orange in stores from Argentina; apparently *Anastrepha* sp. at Miami in apple in baggage from Colombia; *Ceratitis* sp., probably *capitata*, at Baltimore in orange in stores from Portugal, at Newport News in tangerine in stores from Spain, at New York in loquat in baggage from Algeria, and with paper packing of grapes in baggage from the Azores; *Dacus* sp., probably *oleae*, at San Antonio in processed olives in stores from Mexico; *Dacus* sp. at San Francisco in eggplant in stores from Straits Settlements; and probably *Dacus* sp. at Boston in squash in stores from Queensland and South Africa; *Rhagoletis* sp. at Laredo in *Crataegus* sp. and green walnut in baggage from Mexico, at Douglas in black walnut in quarters from Mexico, at El Paso in black walnut, wild currant, and *Lycium torreyi* in baggage from Mexico, at Miami in apple in quarters from Brazil, and at Brownsville in apple in baggage from Mexico.

The following miscellaneous insects of special interest were intercepted: *Acanthoscelides* sp., near *stylifer* (Sharp), was taken at Brownsville in the cabin of an airplane from Mexico; *Aleuroplatus* sp., close to *berbericolus* Q. & B. (Aleyrodidae), at Laredo on *Mahonia trifoliolata* in mail from Mexico; two apparently undescribed aleyrodids (*Aleurocanthus* sp.) at San Diego on unknown leaf and twig in baggage from Australia, and (*Aleurotrachelus* sp.) at San Francisco on *Anthurium* sp. in express from Guatemala and at Laredo on *Laelia anceps* from Mexico; an undescribed aleyrodid (*Aleurocerus* sp.) at San Francisco on *Epidendrum cochleatum* in cargo from Guatemala; *Allocoerhynus* sp. (Curculionidae) at Hidalgo on cycad plant in baggage from Mexico; *Amphimallon* sp., apparently *majalis* (Razoumowsky) (Scarabaeidae), at Galveston in ballast from Italy; *Baris* sp., near *cuprirostris* (F.) (Curculionidae) at Philadelphia in kale in stores from the Azores; *Cligenes* n. sp. (Lygaeidae) at Seattle on *Cattleya* sp. in express from Venezuela; *Coptotermes* sp. (Rhinotermitidae), a very destructive termite, at Boston in African mahogany log in cargo from the Gold Coast, at Hoboken on *Cattleya* sp. in cargo from Venezuela, and at New York in *Jacaranda* sp. log in cargo from the Gold Coast; *Cryptoblades* sp., probably *gnidiella* (Mill.) (Phycitidae), at New York in date in baggage from Palestine; *Decapheidole* sp. (Formicidae), a very rare ant, at San Francisco on *Cattleya* sp. in express from Colombia; *Grapholitha* sp., probably *packardi*-Zell. (Olethreutidae), at El Paso in quince in baggage from Mexico; *Leucinodes* sp., probably *obornalis* Gn. (Pyraustidae), at Charleston in eggplant in stores from Ceylon, and at San Francisco in eggplant in stores from the Straits Settlements; an undescribed species of *Paraleurolobus* sp. (Aleyrodidae) at El Paso on palm in baggage from Mexico; an undescribed species of *Phenacoccus* sp. (Coccidae) at Hoboken on succulent plant in mail from

Mexico; *Pineus* sp. (Chermidae), apparently different from any species known in North America, at San Diego and San Francisco on pine in baggage from Japan; an undescribed species of *Platylecanium* sp. (Coccidae) at San Francisco on orchid in mail from New Guinea; *Rhyssomatus* sp. (Curculionidae) at Galveston in sweetpotato in stores from Panama, at Mobile in sweetpotato in stores from the Canal Zone, and at New Orleans in *Pithecellobium arboreum* in mail from British Honduras; probably an unnamed species of *Xanthomia* sp. (Chrysomelidae) at Laredo on orchid plant in baggage from Mexico.

There were 4,989 interceptions, distributed among 855 genera, which could be identified to genus only. A total of 883 could be determined to family only.

A total of 5,872 incompletely determined insects were intercepted during the year.

#### DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Ceratostomella* sp. on narcissus bulbs from England, Ireland, Luxemburg, and the Netherlands; *Cercospora* sp. on string bean from Belgium; *Colletotrichum*, possibly *anthurii*, on anthurium from Guatemala; *Coniothyrium* sp. on rice straw from Japan; *Helminthosporium* sp. on husk tomato from Mexico; *Macrophoma* sp. on mesquite pods from Mexico; *Pestalotia* sp. on avocado and guava from Mexico; *Phoma* sp. on lemon from Argentina and Chile; *Phoma* sp. on sweet orange from China and Turkey; *Phoma* sp. on avocado from Brazil and Mexico; *Phyllosticta* sp. on gladiolus from Mexico; *Phyllosticta* sp. on rice from China; *Phyllosticta* sp. on wheat from France; *Phytophthora* sp. on lemon from Australia; *Pleospora* sp. on *Mesembryanthemum* sp. in ballast from Algeria; *Ramularia* sp. on lettuce from Cuba; and *Septoria* sp. on lime from Algeria.

A total of 5,602 incompletely determined pathogens were recorded during the year.

#### Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
<b>Africa:</b>			<b>Europe:</b>		
Algeria.....	7	0	Azores.....	4	1
East Africa.....	1	0	Belgium.....	17	8
Egypt.....	3	0	England.....	62	25
Ethiopia.....	0	2	Europe.....	0	1
Gold Coast.....	5	0	France.....	8	5
Kenya Colony.....	1	1	Germany.....	1	1
Morocco.....	5	0	Greece.....	1	0
Mozambique.....	4	0	Ireland.....	3	0
Tunisia.....	1	0	Italy.....	14	1
Union of South Africa.....	5	1	Luxemburg.....	0	1
<b>Asia:</b>			Netherlands.....	67	90
Asia.....	1	0	Norway.....	2	0
China.....	11	5	Portugal.....	13	2
India.....	31	14	Scotland.....	8	1
Japan.....	19	7	Spain.....	4	2
Malasia.....	1	1	Sweden.....	1	1
Orient.....	2	0	Switzerland.....	1	1
Palestine.....	2	0	Turkey.....	1	0
<b>Australasia:</b>			Yugoslavia.....	2	0
Admiralty Islands.....	2	0	<b>North America:</b>		
Australia.....	2	20	Bermuda.....	4	2
Ceylon.....	1	2	Canada.....	4	6
Dutch East Indies.....	0	1	British Columbia.....	6	7
Eniwetok Island.....	2	0	Ontario.....	2	0
Guam.....	2	1	<b>Central America:</b>		
Hawaii.....	122	2	British Honduras.....	1	0
Marquesas Islands.....	2	0	Canal Zone.....	43	4
Marshall Islands.....	1	1	Costa Rica.....	40	12
New Guinea.....	4	2	Guatemala.....	66	34
New Hebrides.....	1	1	Honduras.....	5	1
New Zealand.....	1	2	Nicaragua.....	17	0
Okinawa.....	1	2	Panama.....	28	5
Palau Islands.....	1	0	Salvador.....	11	0
Philippines.....	20	7	Greenland.....	1	0
Samoa.....	0	1	Mexico.....	1, 474	360
South Pacific.....	11	2	Newfoundland.....	0	1
Ulithi Island.....	1	1			

Geographic summary of interceptions listed in main table and interception totals—  
Continued

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
North America—Continued			South America—Continued		
West Indies	1	0	Ecuador	1	2
American Virgin Is-			Paraguay	3	1
lands	3	1	Peru	7	2
Antigua	2	0	Uruguay	2	4
Aruba	1	0	Venezuela	126	10
Bahamas	10	1			
Barbados	5	0	Total:		
Cuba	91	8	Africa	32	4
Curacao	5	0	Asia	67	30
Dominican Republic	18	9	Australasia	184	45
Grenada	3	0	Europe	209	142
Guadeloupe	0	1	North America	1,979	465
Haiti	8	0	South America	267	47
Jamaica	28	1	Unknown	47	15
Martinique	0	1			
Puerto Rico	85	8	Total	2,785	748
St. Lucia	0	1			
St. Vincent	3	0	Total (common pests,		
Trinidad	9	1	p. 4)	21,139	10,604
Virgin Islands	5	1	Total (incompletely de-		
South America:			termined pests, p. 6)	5,872	5,602
Argentina	7	5	Total insect intercep-		
Brazil	44	10	tions	29,796	-----
British Guiana	2	0	Total disease intercep-		
Chile	3	4	tions	-----	16,954
Colombia	71	9	Grand total	-----	46,750
Dutch Guiana	1	0			

NOTE.—In addition to the countries named above, interceptions were made from Angola, Arabia, Belgian Congo, Bikini Atoll, Bolivia, Burma, Canary Islands, Cyprus, Czechoslovakia, Denmark, Dutch West Indies, Fiji Islands, Finland, Gibraltar, Gilbert Islands, Grand Cayman, Guadalcanal, Guernsey Island, Iran, Iwo Jima, Johnston Island, Leeward Islands, Liberia, Madeira Islands, Marianas, New Caledonia, Nigeria, North Ireland, Oceania, Pretoria, St. Eustatius, Saipan, Sierra Leone, Solomon Islands, Syria, Tahiti, Tanganyika, Tarawa, Tasmania, Tinian Island, Union of Soviet Socialist Republics, and Wales.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Acanthoderes circumflexa</i> Jacq.—Duv. (Cerambycidae):					
<i>Cyblastar donnell-smithii</i> (primavera)	Guatemala	1			N. Y.
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Canal Zone, Puerto Rico, Trinidad.	2		1	N. Y.
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae):					
<i>Prosopis</i> sp.	Chile	1			La.
<i>Acanthoscelides obvelatus</i> Bridw. (Bruchidae):					
Bean	Guatemala			1	Tex.
<i>Phaseolus</i> sp.	Mexico			1	D. C.
<i>Acanthoscelides sallaei</i> Sharp (?) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia)	Nicaragua			1	La.
<i>Aceratagallia gillettei</i> (O. & B.) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	2			Ariz.
<i>Aceria tulipae</i> (K.) (Eriophyidae):					
<i>Allium sativum</i> (garlic)	do.	1			Tex.
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae):					
<i>Laelia anceps</i> (orchid)	do.			2	Tex.
<i>Adelphocoris lineolatus</i> (Goeze) (Miridae):					
Sand ballast	Italy	1			Tex.



List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Agallissus lepturoides</i> Chevr. (Cerambycidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Aganactes indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna)	Trinidad	1			Fla.*
<i>Agilus sulcatulus</i> Chev. (Buprestidae):					
Stem	Mexico	1			Ariz.
<i>Agriotes lineatus</i> L. (Elateridae):					
<i>Lactuca sativa</i> (lettuce)	England			1	N. J.
Soil around rhododendron					
<i>Agromyza virens</i> Loew (Agromyzidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	4			Ariz.
<i>Phaseolus</i> sp. (string bean)	Canal Zone, Panama		3		Ala., Tex.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	do.	47			Ariz., Tex.
<i>Citrus</i> sp.	do.	1			Ariz.
<i>Mangifera indica</i> (mango)	do.	2	1		Ariz.
<i>Aleurolobus olivinus</i> (Silvestri) (?) (Aleyrodidae):					
<i>Olea</i> sp.	Morocco			1	D. C.
<i>Aleurothrix floccosus</i> (Mask.) (Aleyrodidae):					
<i>Arum</i>	Dutch Guiana	1			Fla.*
<i>Citrus aurantifolia</i> (sour lime)	Mexico	1			Tex.
<i>Aleurothrix myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Guatemala, Mexico, Venezuela	6			Fla.,* Tex.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae):					
Palm	Mexico	1			Tex.
<i>Aleyrodes brassicae</i> Walker (?) (Aleyrodidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England, Scotland		2		N. Y., Pa.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Rosa</i> sp.	Netherlands			13	N. J.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	24			Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Dahlia</i> sp.	do.	1			Tex.
<i>Lilium longiflorum</i> (Easter lily)	do.	2			La., Tex.
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
Bamboo	Mexico, soldier's mail	3			Minn., Tex.
<i>Oryza sativa</i> (rice)	Philippines	1			Calif.*
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Ariz.
Wood	Mexico, Venezuela	2		1	Ariz., Calif.,* N. J.
<i>Anacetrinus deplanatus</i> (Csy.) (Curculionidae):					
Cane	Mexico	1			Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
<i>Cattleya gaskelliana</i> (orchid)	Venezuela			1	Calif.*
<i>Cattleya mossiae</i>	do.			1	Calif.*
<i>Cattleya percutiana</i>	do.			1	Calif.*
<i>Cattleya</i> sp.	England, Venezuela			3	Calif.,* N. J.
<i>Cymbidium</i> sp. (orchid)	England, Ireland (?)			3	Calif.,* N. J.
<i>Cypripedium longifolium</i> (orchid)	Costa Rica			1	Calif.*
<i>Cypripedium</i> sp. (orchid)	England			1	Calif.*
<i>Lycaste skinneri</i> (orchid)	Guatemala			1	Calif.*
<i>Odontioda</i> sp. (orchid)	England			1	N. J.
<i>Odontoglossum</i> sp. (orchid)	do.			3	Calif.,* N. J.
Orchid	Costa Rica, Mexico	1		4	Ariz., Calif.,* Tex.
<i>Anaphothrips orchidii</i> (Mlt.) (Thripidae):					
<i>Cypripedium</i> sp. (orchid)	England			1	Calif.*
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		N. Y.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	do.		3		La., Mass.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Castimiroa edulis</i> (white sapote)	Mexico	3			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do.	10			Tex.
<i>Citrus aurantium</i> (sour orange)	do.	3			Tex.

## List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha ludens</i> —Continued					
<i>Citrus paradisi</i> (grapefruit).....	Mexico.....	17	---	---	Tex.
<i>Citrus reticulata</i> (tangerine).....	do.....	1	---	---	Tex.
<i>Citrus sinensis</i> (orange).....	Guatemala, Mexico.....	97	3	---	Fla.,* La., Tex.
<i>Cydonia oblonga</i> (quince).....	Mexico.....	4	---	---	Tex.
Empty box car.....	do.....	---	1	---	Ariz.
<i>Malus sylvestris</i> (apple).....	do.....	6	---	---	Tex.
<i>Mangifera indica</i> (mango).....	Mexico, Nicaragua.....	44	4	---	Ariz., La., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....	13	1	---	Ariz., Tex.
<i>Prunus persica</i> (peach).....	do.....	3	---	---	Tex.
<i>Psidium guajava</i> (guava).....	do.....	1	---	---	Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	2	---	---	Tex.
<i>Pyrus communis</i> (pear).....	do.....	12	---	---	Tex.
Sapote.....	do.....	1	---	---	Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Anacardium occidentale</i> (cashew).....	Puerto Rico.....	1	---	---	Pa.
<i>Mangifera indica</i> (mango).....	American Virgin Islands, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Puerto Rico, Salvador, Virgin Islands.	30	6	---	Calif.,* Fla.,* La., Md., N. Y., Pa., P. R., S. C., Tex.
<i>Prunus domestica</i> (plum).....	Mexico.....	1	---	---	Tex.
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	1	---	---	Fla.*
<i>Spondias mombin</i> (yellow mombin).....	Nicaragua.....	1	---	---	Tex.
<i>Spondias</i> sp. (mombin).....	Guatemala.....	2	---	---	La.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Guatemala, Honduras, Nicaragua, Puerto Rico.	5	---	---	La., N. Y., Pa., Tex.
<i>Spondias mombin</i> (yellow mombin).....	Salvador.....	1	---	---	La.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Nicaragua, Venezuela.....	2	---	---	Calif.,* Fla.
<i>Mammea americana</i> (mamey).....	Mexico, Nicaragua.....	5	1	---	Calif.,* Tex.
<i>Anastrepha striata</i> Schin. (?) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Honduras.....	1	---	---	La.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Dominican Republic, Puerto Rico.	3	1	---	Fla.,* N. Y.
<i>Anthonomus zeraula</i> Meyrick (Oecophoridae):					
<i>Triticum aestivum</i> (wheat).....	China.....	1	---	---	Fla.*
<i>Ancylostoma stercora</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	American Virgin Islands, Dominican Republic.	3	---	---	N. Y., P. R.
<i>Anelaphus spurcus</i> (Lec.) (Cerambycidae):					
Cactus.....	Mexico.....	---	---	1	Tex.
<i>Anomala dubia</i> (Scop.) (Scarabaeidae):					
Grass.....	Italy.....	1	---	---	La
<i>Anuraphis apuifolia</i> Theob. (Aphidae):					
<i>Apium graveolens</i> (celery).....	Egypt, Mozambique, Uruguay.	---	3	---	Md., Mass., Pa.
<i>Anuraphis helichrysi</i> (Kalt.) (Aphidae):					
<i>Cymbidium finlaysonianum</i> (orchid).....	Philippines.....	---	---	1	Calif.*
<i>Dianthus</i> sp. (carnation).....	Mexico.....	1	---	---	Tex.
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....	---	1	---	Tex.
<i>Gypsophila paniculata</i> (babysbreath).....	do.....	---	1	---	Tex.
Mixed flowers.....	do.....	1	---	---	Tex.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....	1	---	---	Tex.
Unidentified leaf.....	do.....	---	1	---	Tex.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Admiralty Island, South Pacific.	2	---	---	Calif.*
<i>Jasminum sambac</i> (Arabian jasmine).....	Hawaii.....	---	---	1	Calif.*
<i>Aonidiella maleti</i> Vayss. (Coccidae):					
<i>Olea europaea</i> (olive).....	Morocco.....	1	---	---	D. C.

## List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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<i>Aphetea inconspicua</i> Fowl. (Membracidae): Orchid	Mexico			1	Tex.
<i>Aphis medicaginis</i> Koch (Aphidae): <i>Lilium longiflorum</i> (Easter lily)	Bermuda	1			N. Y.
<i>Polianthes tuberosa</i> (tuberose)	Mexico	2			Tex.
<i>Aphis nerii</i> Fonsc. (Aphidae): <i>Nerium oleander</i> (oleander)	Bahamas, Cuba	1	1		Fla.*
<i>Apion pisi</i> F. (Curculionidae): Sand ballast	Italy	1			Ala.
<i>Argyresthia conjugella</i> Zell. (Hyponomeutidae): <i>Sortus</i> sp. (mountain ash)	Scotland	1			N. Y.
<i>Arctelius albopunctatus</i> (Deg.) (Pentatomidae): <i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Cucurbita maritima</i> (squash)	do	1			Ariz.
<i>Aspidiotus corticis-pini</i> L'ndgr. (Coccidae): <i>Pinus</i> sp. (five-leaved pine)	Japan	1			Mass.
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Annona muricata</i> (sourpup)	Cuba	1			Fla.*
<i>Annona squamosa</i> (sugarapple)	do	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Canal Zone, Colombia, Costa Rica, Guam, Guatemala, Marquesas Islands, Philippines, South Pacific.	3	4	2	Calif.,* Tex.
<i>Mangifera indica</i> (mango)	Argentina, Panama	1	1		Fla.,* N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Puerto Rico	2			Fla.,* S. C.
Palm	Cuba	3			Calif.,* Fla.*
<i>Aspidiotus diffinis</i> (Newst.) (Coccidae): <i>Mammea americana</i> (mamey)	Colombia	1			Fla.*
<i>Aspidiotus excisus</i> Green (Coccidae): <i>Cocos nucifera</i> (coconut)	South Pacific	1			Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae): <i>Annona</i> sp.	Puerto Rico	1			Fla.*
<i>Artocarpus altilis</i> (breadfruit)	do		1		N. J.
Crassulaceae	Mexico		1		N. J.
<i>Spondias mombin</i> (jobo)	Puerto Rico	1			Fla.*
<i>Spondias</i> sp.	Jamaica	1			Fla.*
<i>Theobroma cacao</i> (cacao)	New Hebrides	1			Fla.*
Unidentified leaf and bark	Puerto Rico	1			Fla.*
<i>Aspidiotus mendax</i> (McKenzie) (Coccidae): <i>Epidendrum pentotis</i> (orchid)	Guatemala			1	Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae): <i>Cocos nucifera</i> (coconut)	Costa Rica		1		Calif.*
<i>Grammatophyllum wallisii</i> (orchid)	Philippines		1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Calif.*
Palm	Colombia		1		Calif.*
Unidentified leaf	New Guinea	1			Calif.*
<i>Aspidiotus spinosus</i> (Comst.) (Coccidae): <i>Cocos nucifera</i> (coconut)	Hawaii	1		1	Calif.*
<i>Mammea americana</i> (mamey)	Panama	1			Fla.*
<i>Monstera deliciosa</i> (ceriman)	Bermuda	1			N. Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): Bamboo	Cuba, Hawaii	2			Calif.,* Fla.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae): Bromeliad	Guatemala			1	N. J.
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	N. J.
<i>Cattleya dowiana</i> (orchid)	Costa Rica			1	Calif.*
<i>Cattleya granulosa</i>	Brazil			1	N. J.
<i>Cattleya trianae</i>	Colombia			1	Calif.*
<i>Cattleya</i> sp.	Brazil, Venezuela			2	N. J.
<i>Cypripedium longifolium</i> (orchid)	Canal Zone, Guatemala			3	Tex.
<i>Cypripedium</i> sp.	Canal Zone			1	Tex.
<i>Epidendrum odoratissimum</i> (orchid)	Brazil			1	N. J.
<i>Oncidium</i> sp. (orchid)	Costa Rica			1	N. J.
Orchid	do			1	Tex.
<i>Asterolecanium pseudomilitaris</i> Green (Coccidae): Grass	Puerto Rico		1		Pa.



List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla).....	Bahamas.....	1			Fla.
<i>Annona cherimola</i> (cherimoya).....	Puerto Rico.....	1			Fla.*
<i>Annona squamosa</i> (sugarapple).....	Virgin Islands.....	1			Fla.*
<i>Epidendrum</i> sp. (orchid).....	Nicaragua.....			1	Calif.*
<i>Hibiscus</i> sp.....	Hawaii.....			1	Calif.*
<i>Nerium oleander</i> (oleander).....	American Virgin Islands.....			1	P. R.
<i>Atheas fuscipes</i> Champ. (Tingidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1			La.
<i>Atheas nigricornis</i> Champ. (Tingidae):					
<i>Rosa</i> sp.....	do.....	1			Tex.
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
<i>Oncidium</i> sp. (orchid).....	do.....			1	Tex.
<i>Aulacaspis mangiferae</i> (Newst.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Trinidad, Venezuela.....	5			Fla.*
<i>Aulonium bidentatum</i> (F.) (Colydiidae):					
<i>Cybtistax donnell-smithi</i> (primavera).....	Guatemala.....	1			Calif.*
<i>Barathra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, Brazil, Netherlands.....			3	Md., N. Y.
<i>Baris laticollis</i> Marsh. (Curculionidae):					
<i>Brassica oleracea acephala</i> (kale).....	Azores.....			1	Pa.
<i>Brassica rapa</i> (turnip).....	England.....			1	N. Y.
<i>Barypeithes araneiformis</i> Schrank (Curculionidae):					
Moss packing around dahlia.....	do.....			1	N. J.
<i>Battus philenor</i> (L.) (Papilionidae):					
Wood.....	Mexico.....	1			Ariz.
<i>Bemisia inconspicua</i> (Q.) (Aleyrodidae):					
Unidentified leaf.....	Puerto Rico.....	1			Fla.*
<i>Bitoma brevipes</i> (Sharp) (Colydiidae):					
<i>Allium sativum</i> (garlic).....	Mexico.....	1			Ariz.
<i>Bitoma unicolor</i> Guer. (?) (Colydiidae):					
<i>Cordia gerascanthus</i> .....	Cuba.....	1			N. Y.
<i>Blissus richardsoni</i> Drake (Lygaeidae):					
<i>Vitis</i> sp. (grape).....	Argentina.....	1			La.
<i>Bonchis munitalis</i> (Led.) (Chrysaugidae):					
<i>Parmentiera edulis</i> (food candletree).....	Mexico.....			1	Tex.
<i>Brachyrhinus rugifrons</i> (Gyll.) (Curculionidae):					
Soil around shamrock.....	Ireland.....	1			N. Y.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
<i>Primula</i> sp. (primrose).....	British Columbia.....			1	Oreg.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Syringa</i> sp. (lilac).....	Netherlands.....	1			N. Y.
<i>Brentus anchorago</i> (L.) (Brentidae):					
<i>Cybtistax donnell-smithi</i> (primavera).....	Guatemala.....	2			Calif.,* N. Y.
Hardwood log.....	Mexico.....	1			Calif.*
<i>Swietenia mahagoni</i> (mahogany).....	do.....	1			Wash.
<i>Brentus mexicanus</i> Boh. (Brentidae):					
<i>Cybtistax donnell-smithi</i> (primavera).....	Guatemala.....	1			Calif.*
Hardwood log.....	Mexico.....	2			Calif.*
<i>Bruchidius villosus</i> (F.) (Bruchidae):					
<i>Cytisus</i> sp. (broom).....	England.....			1	N. J.
<i>Bruchus guttalis</i> Rey (?) (Bruchidae):					
<i>Vicia</i> sp. (vetch).....	Germany.....	1			Mass.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia</i> sp. (vetch).....	Azores, Netherlands, Portugal.....	2	1		N. Y., Pa., Tex.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass peavine).....	Italy.....	1			La.
<i>Callidium ruftenne</i> Motsch. (Cerambycidae):					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Nebr.
<i>Pinus</i> sp. (pine).....	Japan (?).....	1			Ga.
<i>Calligrapha labyrinthica</i> Stal (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Calligrapha pantherina</i> Stal (Chrysomelidae):					
Orchid.....	do.....			1	Tex.

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<i>Callosobruchus chinensis</i> (L.) (Bruchidae):					
Bean	Puerto Rico	2			N. Y.
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Jamaica, Puerto Rico, Trinidad.	4		3	Fla.,* N. J., N. Y.
<i>Cicer arietinum</i> (chickpea)	India		1		N. Y.
Mixed grain	do.		1		Ga.
<i>Phaseolus aureus</i> (mung bean)	Dominican Republic, Orient.			2	D. C., N. J.
<i>Vicia faba</i> (broadbean)	China			1	D. C.
<i>Vigna sinensis</i> (cowpea)	Paraguay	1			D. C.
<i>Vigna</i> sp.	do.			1	D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae):					
Bean	Curacao, Jamaica	2		1	N. Y.
<i>Cajanus cajan</i> (pigeonpea)	Barbados, Jamaica	3			N. Y.
<i>Cattleya</i> sp. (orchid)	Venezuela			1	P. R.
<i>Cicer arietinum</i> (chickpea)	Mexico	2			Tex.
Leguminosae	Hawaii			1	Calif.*
Unidentified seed	Aruba	1			Pa.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Grenada, Jamaica	3			N. Y.
<i>Dolichos lablab</i> (hyacinth-bean)	Haiti, Venezuela	1		1	P. R., Tex.
<i>Capaneus odiosus</i> Stal (Coreidae):					
Orchid	Mexico			1	Tex.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid	do.			1	Tex.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Cassia sophora</i>	India			1	N. J.
<i>Cassia</i> sp.	Hawaii	1			Calif.*
Merchandise containing seed pod	Service mail	1			Tex.
<i>Tamarindus indica</i> (tamarind)	Jamaica	2			N. Y.
<i>Catorama herbarium</i> Gorb. (Anobiidae):					
<i>Cajanus cajan</i> (pigeonpea)	do.	1			N. Y.
<i>Catorama tabaci</i> Guer. (Anobiidae):					
<i>Gossypium</i> sp. (cottonseed)	Cuba	1			Fla.
<i>Caulophilis latinasus</i> Say (Curculionidae):					
<i>Gypophila paniculata</i> (babysbreath)	Mexico	1			Tex.
<i>Celama sorghiella</i> (Riley) (Nolidae):					
<i>Saccharum officinarum</i> (sugarcane)	do.	1			Tex.
<i>Sorghum vulgare technicum</i> (broomcorn)	do.	2			Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
Airplane	South Pacific		3		Hawaii*
<i>Citrus aurantifolia</i> (sweet lime)	Hawaii		1		Calif.*
<i>Citrus limon</i> (lemon)	Mozambique		2		Tex.
<i>Citrus paradisi</i> (grapefruit)	India, Morocco, Palestine (?), Spain, Turkey, Union of South Africa, Uruguay.	1	6		Md., N. Y., Pa.
<i>Citrus reticulata</i> (tangerine)	Italy		1		Md.
<i>Citrus sinensis</i> (orange)	Algeria, Portugal, Spain		4		Md., Pa.
<i>Eriobotrya japonica</i> (loquat)	Algeria	1			N. Y.
<i>Eugenia uniflora</i> (Surinam cherry)	Bermuda	1			Md.
<i>Lycopersicon esculentum</i> (tomato)	Hawaii		1		Calif.*
<i>Persea americana</i> (avocado)	do.		1		Calif.*
<i>Ceratocapsus apicalis</i> Knight (Miridae):					
Orchid	Mexico	1			Tex.
<i>Ceratocapsus punctulatus</i> (Reuter) (Miridae):					
<i>Capsicum frutescens</i> (pepper)	do.	1			Ariz.
<i>Ceroptastes floridensis</i> Comst. (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Bahamas	1			Fla.*
<i>Gardenia augusta</i> (Cape-jasmine)	Costa Rica, Venezuela	3			Fla.*
<i>Malus</i> sp.	Japan			1	Calif.*
<i>Ceroptastes floridensis japonicus</i> Green (Coccidae):					
<i>Cotoneaster</i> sp.	do.			1	Wash.
<i>Ceroptastes rubens</i> Mask. (?) (Coccidae):					
<i>Malus</i> sp.	do.			1	Calif.*
Unidentified leaf	Antigua	1			Calif.*



## List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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<i>Ceutorhynchus pleurostigma</i> Msh. (Curculionidae):					
<i>Brassica napobrassica</i> (rutabaga).....	England.....	---	2	---	N. Y.
<i>Brassica rapa</i> (turnip).....	do.....	---	4	---	Md., N. Y., Pa.
<i>Ceutorhynchus quadridens</i> Panz. (Curculionidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	do.....	---	1	---	N. Y.
<i>Chaetopsis debilis</i> Loew (Otitidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	---	---	Tex.
<i>Chaetopsis fuleifrons</i> (Macq.) (Otitidae):					
<i>Allium cepa</i> (onion).....	do.....	1	---	---	Tex.
<i>Zea mays</i> (corn).....	Mexico, Peru.....	63	2	1	Ariz., D. C., La., Tex.
<i>Chelinidea rittiger aequoris</i> McA. (Coreidae):					
<i>Opuntia</i> sp. (prickly pear).....	do.....	---	---	1	Tex.
<i>Chilo phragmitellus</i> Hbn. (?) (Crambidae):					
<i>Phragmites communis</i> (reed).....	Netherlands.....	---	---	2	N. J.
<i>Chilo simplicr</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	China.....	1	---	---	Calif.*
<i>Triticum aestivum</i> (wheat).....	Japan (?).....	1	---	---	Tex.
<i>Chionaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus sinensis</i> (orange).....	China.....	---	1	---	Calif.*
<i>Chirothrips manicatus</i> Hal. (Thripidae):					
<i>Posa</i> sp.....	Ontario.....	---	---	1	N. J.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
Unidentified leaf.....	Mexico.....	1	---	---	Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1	---	---	Tex.
<i>Chrysomphalus perseae</i> Comst. (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	Guatemala.....	---	---	1	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Mexico.....	1	---	---	Calif.*
<i>Mangifera indica</i> (mango).....	Salvador.....	1	---	---	Fla.*
<i>Posa</i> sp.....	Mexico.....	1	---	1	Tex.
Unidentified leaf and stem.....	do.....	---	1	---	Tex.
<i>Chrysomphalus portoricensis</i> Lindg. (Coccidae):					
Unidentified leaf and bark.....	Puerto Rico.....	1	---	---	Fla.*
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Cattleya gigas</i> (orchid).....	Colombia.....	---	---	4	Calif.*
<i>Cattleya trianae</i> .....	do.....	---	---	1	Calif.*
<i>Cattleya</i> sp.....	Canal Zone, Colombia.....	---	---	5	Calif.,* N. J.
<i>Epidendrum alatum</i> (orchid).....	Guatemala.....	---	---	1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.....	do.....	---	1	---	Calif.*
<i>Dendrobium</i> sp. (orchid).....	Canal Zone.....	---	---	1	N. J.
<i>Epidendrum</i> sp. (orchid).....	Nicaragua.....	---	---	1	Calif.*
<i>Laelia rubescens</i> (orchid).....	do.....	---	---	1	Calif.*
<i>Laelia superbiens</i> .....	Guatemala.....	---	---	1	Calif.*
<i>Laelia</i> sp.....	do.....	---	---	1	N. J.
<i>Odontoglossum uroskinneri</i> (orchid).....	do.....	---	---	1	Calif.*
<i>Oncidium</i> sp. (orchid).....	Canal Zone.....	---	---	1	Tex.
<i>Clepsis peritana</i> (Clem.) (Tortricidae):					
<i>Sechium edule</i> (chayote).....	Mexico.....	1	---	---	Tex.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia.....	---	---	1	Calif.*
Unidentified tree.....	Mexico.....	1	---	---	Ariz.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phytelephas macrocarpa</i> (ivory nut).....	Ecuador.....	1	---	---	Tex.
<i>Coccus mangiferae</i> (Green) (Coccidae):					
<i>Mangifera indica</i> (mango).....	British Guiana, Salvador.....	2	---	---	Fla.,* Tex.
Unidentified leaf.....	Mexico.....	---	---	1	Tex.
<i>Coccus pseudohesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya trianae</i> (orchid).....	Guatemala.....	---	---	1	Tex.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	Colombia, Costa Rica, Cuba, Dominican Republic, Hawaii, Panama, Puerto Rico, Venezuela.....	39	2	---	Calif.,* Fla.*

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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<i>Coelosternus conspuratus</i> Boh. (Curculionidae):					
<i>Cyblastar donnell-smithi</i> (primavera).....	Mexico.....	2			Calif.*
Hardwood log.....	do.....	2			Calif.*
<i>Colaphodes haemoptera</i> (L.) (Chrysomelidae):					
Sand ballast.....	Italy.....	2			Tex.
<i>Collops bipunctatus</i> (Say) (Malachiidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1			Tex.
<i>Colobicus parilis</i> Pasc. (Colydiidae):					
<i>Samanea saman</i> (raintree saman).....	Hawaii.....	1			Calif.*
<i>Conchaspis angraeci</i> Newst. (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Mexico.....			1	Tex.
<i>Epidendrum</i> sp. (orchid).....	Nicaragua.....			1	Calif.*
Orchid.....	Mexico.....			1	Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do.....	115			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak).....	do.....	1			Tex.
<i>Conotrachelus leucophaeatus</i> Fahr. (Curculionidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Guatemala, Mexico.....	1		1	D. C., Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Daucus carota sativa</i> (carrot).....	Mexico.....	1			Ariz.
<i>Gossypium</i> sp. (cottonseed).....	do.....		1		Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Coproporus pulchellus</i> Er. (Staphylinidae):					
<i>Cattleya mendeli</i> (orchid).....	Colombia.....			1	Calif.*
Orchid.....	Venezuela.....			1	Wash.
<i>Coptotermes sjostedti modica</i> Silv. (Rhinotermitidae):					
<i>Khaya</i> sp.....	Gold Coast.....	1			Va.
<i>Corecya cephalonica</i> (Staint.) (Galleriidae):					
<i>Agaricus campestris</i> (mushroom).....	Soldier's mail.....	1			Wash.
<i>Cajanus cajan</i> (pigeonpea).....	Barbados.....	1			N. Y.
<i>Gossypium</i> sp. (cottonseed).....	Brazil, St. Vincent.....	1		1	Fla.* P. R.
<i>Solanum</i> sp.....	Soldier's mail.....	1			Minn.
<i>Sorghum vulgare</i> (sorghum).....	Kenya Colony.....			1	D. C.
<i>Cordylomera spinicornis</i> F. (?) (Cerambycidae):					
<i>Khaya</i> sp.....	Gold Coast.....	4			Pa., Va.
<i>Corimelaena alticola</i> (Horvath) (Pentatomidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Corimelaena incognita</i> (McA. & M.) (Pentatomidae):					
<i>Maurandia</i> sp.....	do.....	1			N. Y.
<i>Coriridea lonigera</i> (Reuter) (Cryptostemmatidae):					
Orchid.....	do.....			1	Tex.
<i>Crociosema plebeiana</i> Zell. (Olethreutidae):					
<i>Hibiscus esculentus</i> (okra).....	Cuba.....	3			Fla.,* La., N. Y.
<i>Crophius scabrosus</i> Uhl. (Lygaeidae):					
Herb.....	Mexico.....	1			Ariz.
Orchid.....	do.....			1	Tex.
<i>Cryphalomorphus jalappae</i> (Letzn.) (Scolytidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	do.....		1		Tex.
<i>Ipomoea purga</i> (jalap).....	do.....	1			Tex.
<i>Cryphula affinis</i> (Dist.) (Lygaeidae):					
<i>Cattleya mendeli</i> (orchid).....	Colombia.....			1	Calif.*
<i>Cryphula trimaculata</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Cryptotermes cavirostris</i> Banks (Kalotermitidae):					
<i>Guajacum officinale</i> (lignumvitae).....	Guatemala.....	1			Calif.*
<i>Ctenicera aereipennis</i> (Kby.) (Elateridae):					
Soil.....	British Columbia.....			1	Wash.
<i>Curculio q-griseae</i> Chttn. (Curculionidae):					
<i>Quercus</i> sp. (oak).....	Mexico.....	3		1	Tex.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	India.....		2		Ga.

## List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) .....	Bahamas, China, Colombia, Cuba, Curacao, Dominican Republic, Hawaii, Jamaica, Mexico, Panama, Puerto Rico, Virgin Islands.	34	18	---	Ala., Calif., Fla.,* La., Md., N. Y., Pa., Tex.
<i>Cylas formicarius</i> probably <i>elegantulus</i> (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) .....	Brazil, Cuba, Dominican Republic, Panama, Puerto Rico.	3	9	---	Md., Mass., N. Y., Pa., Tex.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) .....	India.....	---	4	---	Calif.,* Ga., N. Y.
<i>Cylas formicarius</i> (F.) (subspecies unknown) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) .....	China.....	---	1	---	Ala.
<i>Cyphosterna bicolor</i> Chev. (Cerambycidae): Bamboo.....	Mexico.....	1	---	---	Ariz.
<i>Dacne bipustulata</i> (Thunb.) (?) (Erotylidae): <i>Gossypium</i> sp. (cotton lint).....	Soldier's mail.....	1	---	---	Tex.
<i>Dacne picta</i> Crotch (Erotylidae): Herb.....	Burma or India (?).....	1	---	---	Fla.*
<i>Dacus cucurbitae</i> Coq. (Tephritidae): <i>Capsicum frutescens</i> (pepper).....	Hawaii.....	---	3	---	Wash.
<i>Carica papaya</i> (papaya).....	do.....	---	1	---	Calif.*
<i>Cucumis sativus</i> (cucumber).....	do.....	---	1	---	Calif.*
<i>Cucurbita maxima</i> (squash).....	do.....	---	6	---	Calif.,* Mass.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	45	---	Calif.,* Wash.
<i>Persea americana</i> (avocado).....	do.....	---	1	---	Calif.*
<i>Phaseolus</i> sp. (string bean).....	do.....	---	2	---	Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Mangifera indica</i> (mango).....	do.....	1	---	---	Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive).....	Italy, Mexico.....	1	3	---	N. Y., Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> sp.....	England.....	---	---	9	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): Bamboo.....	Soldier's mail.....	1	---	---	Ky.
Unidentified leaf.....	do.....	1	---	---	Tex.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus paradisi</i> (grapefruit).....	Puerto Rico.....	1	---	---	Fla.*
<i>Citrus</i> sp.....	Haiti.....	1	---	---	N. J.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): Unidentified cutting.....	Philippines.....	---	---	1	Calif.*
Unidentified shrub.....	Guam.....	1	---	---	N. J.
<i>Diaphania hyalinata</i> (L.) (Pyraustidae): <i>Cucumis melo</i> (melon).....	Mexico.....	1	---	---	Tex.
<i>Cucurbita maxima</i> (squash).....	do.....	4	---	---	Tex.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae): <i>Cucumis sativus</i> (cucumber).....	Brazil, Canal Zone, Nicaragua, Panama.	---	8	---	Ala., Calif.,* N. Y., Tex.
<i>Cucurbita maxima</i> (squash).....	Mexico.....	2	---	---	Tex.
<i>Secium edule</i> (chayote).....	do.....	---	1	---	Tex.
<i>Diatraea lineolata</i> (Wlk.) (Crambidae): <i>Saccharum officinarum</i> (sugarcane).....	Colombia.....	---	1	---	N. Y.
<i>Diatraea saccharalis</i> (F.) (Crambidae): <i>Saccharum officinarum</i> (sugarcane).....	Cuba.....	1	---	---	Fla.*
Sugar.....	do.....	1	---	---	Fla.*
<i>Dichocrocis punctiferalis</i> (Gn.) (Pyraustidae): <i>Pinus</i> sp. (pine).....	Japan.....	---	---	1	N. J.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae): Forest litter.....	Soldier's mail.....	1	---	---	Tex.
<i>Serjania mexicana</i> (barbasco).....	Brazil, Peru.....	6	---	---	N. Y.
Wood.....	Mexico.....	1	---	---	Tex.

## List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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<i>Dinoderus brevis</i> Horn (Bostrichidae): Bamboo.....	Philippines, soldier's mail, South Pacific.	15	---	---	Hawaii,* Md., Minn., Nebr., Ohio, Wash.
<i>Phragmites</i> sp.....	Soldier's mail.....	1	---	---	Mass.
Straw hat.....	Service mail.....	1	---	---	Wash.
Wood.....	India.....	1	---	---	N. Y.
<i>Dinoderus ocellaris</i> Steph. (Bostrichidae): Bamboo.....	Asia, Philippines, soldier's mail.	11	---	---	Ky., Ill., Md., Mass., Ohio.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae): Cocos nucifera (coconut).....	Hawaii.....	1	---	---	Calif.*
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): Cymbidium sp. (orchid).....	Mexico.....	---	---	1	Tex.
Odontoglossum sp. (orchid).....	Guatemala.....	---	---	1	Tex.
Orchid.....	Mexico.....	---	---	7	Tex.
<i>Dolichocysta venusta</i> Champ. (Tingidae): Unidentified leaf.....	do.....	1	---	---	Ariz.
<i>Dryophthorus pusillus</i> Sharp (Curculionidae): Cibotium sp. (fern).....	Hawaii.....	---	---	1	Calif.*
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): Polianthes tuberosa (tuberose).....	Mexico.....	1	---	---	Tex.
<i>Dysides obscurus</i> Perty (Bostrichidae): Wood.....	Venezuela.....	1	---	1	N. J.
<i>Elytroteinus subtruncatus</i> (Fairm.) (Curculionidae): Orchid.....	New Guinea.....	---	---	1	Calif.*
<i>Empoasca solana</i> Del. (Cicadellidae): Lactuca sativa (lettuce).....	Mexico.....	2	---	---	Tex.
<i>Endrosis lactella</i> (Schiff.) (Oecophoridae): Anemone sp.....	England.....	---	---	1	N. Y.
Begonia sp.....	Soldier's mail.....	---	---	1	Wash.
Iris sp.....	Netherlands.....	---	---	1	N. J.
Magnolia sp.....	do.....	---	---	1	N. J.
Tulipa sp.....	Netherlands, soldier's mail.	2	---	3	Calif.,* Ky., N. Y.
<i>Enicmus minutus</i> (L.) (Lathridiidae): Cattleya mossiae (orchid).....	Venezuela.....	---	---	1	Calif.*
Hay.....	Soldier's mail.....	1	---	---	Tex.
Narcissus sp.....	Netherlands.....	---	---	2	N. Y.
Oryza sativa (rice).....	Soldier's mail.....	1	---	---	Tex.
Triticum aestivum (wheat).....	do.....	1	---	---	Tex.
<i>Epicaerus cognatus</i> Sharp (Curculionidae): Solanum tuberosum (potato).....	Mexico.....	1	10	---	La., Tex., Va.
<i>Epidiopsis piricola</i> (Del Guer.) (?) (Coccidae): Malus sylvestris (apple).....	Portugal.....	---	1	---	Pa.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): Brassica sp. (mustard).....	Mexico.....	1	---	---	Tex.
Capsicum frutescens (pepper).....	do.....	1	---	---	Tex.
Orchid.....	do.....	---	---	1	Tex.
<i>Epilachna varivestis varipes</i> Muls. (Coccinellidae): Orchid.....	do.....	---	---	1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): Phaseolus sp. (string bean).....	Canal Zone, Mexico, Panama.	6	8	---	Ala., Ariz., Calif.,* Tex.
<i>Eptitrix cucumeris</i> (Har.) (Chrysomelidae): Physalis sp. (husk tomato).....	Mexico.....	2	---	---	Tex.
<i>Eptitrix fasciata</i> Blatch. (Chrysomelidae): Capsicum frutescens (pepper).....	do.....	1	---	---	Ariz.
Lycopersicon esculentum (tomato).....	do.....	1	---	---	Tex.
<i>Eptitrix hirtipennis</i> (Melsh.) (Chrysomelidae): Lycopersicon esculentum (tomato).....	do.....	2	---	---	Tex.



List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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<i>Ereunetis flavistriata</i> Wlsm. (Tineidae):					
<i>Ananas comosus</i> (pineapple).....	Hawaii		1		Wash.
<i>Cocos nucifera</i> (coconut).....	do.	8	1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	do.		1		Wash.
<i>Ereunetis minuscula</i> Wlsm. (Tineidae):					
Unidentified seed.....	Cuba			1	N. Y.
<i>Eriococcus coccineus</i> Ckll. (Coccidae):					
Cactus.....	Mexico			4	Tex.
<i>Ernotius abietis</i> F. (Anobiidae):					
<i>Picea</i> sp. (spruce).....	Norway		1		Md.
<i>Ernobius punctulatus</i> (Lec.) (Anobiidae):					
<i>Pinus</i> sp. (pine).....	Canada	1			Wash.
<i>Estigmene acrea</i> (Drury) (Arectidae):					
<i>Gladiolus</i> sp.....	Mexico	1			La.
<i>Lycopersicon esculentum</i> (tomato).....	do.	2			Ariz., Tex.
<i>Eucactophagus aurocinctus</i> Champ. (Curculionidae):					
<i>Cattleya dowiana</i> (orchid).....	Costa Rica			1	Calif.*
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae):					
<i>Arthrostylidium racemiflorum</i> (bamboo).....	Mexico	6			Ariz.
Bamboo.....	do.	1			Ariz.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	do.	3			Tex.
<i>Rosa</i> sp.....	Venezuela	1			Fla.*
<i>Eucnocerus anthrenoides</i> Sharp (Dermeestidae):					
<i>Tagetes florida</i> .....	Mexico	1			Tex.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae):					
<i>Zea mays</i> (corn).....	do.	1			Tex.
<i>Eumerus tuberculatus</i> Rond. (Syrphidae):					
<i>Hyacinthus</i> sp.....	Netherlands			1	N. Y.
<i>Eurycipitia vestitus</i> (Dist.) (Miridae):					
<i>Brassarola digbyana</i> (orchid).....	Honduras			1	N. J.
<i>Oncidium</i> sp. (orchid).....	Mexico			1	Calif.*
Orchid.....	Guatemala, Mexico			2	Tex., Wash.
<i>Eurydema ornatum</i> (L.) (Pentatomidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Italy		1		N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya choroensis</i> (orchid).....	Colombia			1	Calif.*
<i>Cattleya dowiana</i> .....	Costa Rica			1	Calif.*
<i>Cattleya gaskelliana</i> .....	Venezuela			1	Calif.*
<i>Cattleya gigas</i> .....	Colombia			1	N. J.
<i>Cattleya harrissoniana</i> .....	Brazil			1	Calif.*
<i>Cattleya loddigesi</i> .....	do.			2	N. J.
<i>Cattleya mossiae</i> .....	Venezuela			1	Calif.*
<i>Cattleya walkeriana</i> .....	Brazil			1	N. J.
<i>Cattleya</i> sp.....	Brazil, Colombia, Guatemala, Venezuela.			59	Calif.,* N. J., Tex., Wash.
<i>Laelia</i> sp. (orchid).....	Brazil			1	N. J.
<i>Eusepeus postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Hawaii, Panama, Puerto Rico, Venezuela.	3	15		Calif.,* Fla.,* Md., Mass., N. Y., Pa., Tex., Wash.
<i>Eoergestis forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, France		2		Mass., N. Y.
<i>Eoergestis rimosalis</i> (Guen.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Mexico	1			Tex.
<i>Rorippa nasturtium aquaticum</i> (watercress).....	do.	1			Tex.
<i>Zea mays</i> (corn).....	do.	1			Tex.
<i>Exizianus obscurinervis</i> (Stal) (Cicadellidae):					
Orchid.....	do.	1			Tex.
<i>Erptochiamera minima</i> (G.-M.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	do.	1			Tex.
<i>Capsicum frutescens</i> (pepper).....	do.	1			Tex.
<i>Cattleya gigas</i> (orchid).....	Colombia			1	Calif.*
<i>Cattleya mendeli</i> .....	do.			1	Calif.*



List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Erptochiomeria minima</i> —Continued					
<i>Cattleya mossiae</i> .....	Venezuela.....	—	—	2	Calif.*
<i>Cattleya schroederiana</i> .....	Colombia.....	—	—	1	Calif.*
<i>Cattleya trianae</i> .....	do.....	—	—	1	Calif.*
<i>Cattleya</i> sp.....	Colombia, Venezuela.....	—	—	2	N. J., Wash.
<i>Epidendrum</i> sp. (orchid).....	Costa Rica.....	—	—	1	Tex.
<i>Lycaste</i> sp. (orchid).....	Guatemala.....	—	—	1	Calif.*
Unidentified plant.....	Mexico.....	1	—	—	Tex.
<i>Erptochiomeria oblonga</i> (Stal) (Lygaeidae):					
<i>Gossypium</i> sp. (seed cotton).....	Salvador.....	1	—	—	Tex.
<i>Laelia anceps</i> (orchid).....	Mexico.....	—	—	1	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	—	—	Ariz.
<i>Pinus</i> sp. (pine).....	do.....	1	—	—	Tex.
<i>Zea mays</i> (corn).....	do.....	1	—	—	Tex.
<i>Erptochiomeria tumens</i> (Stal) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....	—	—	1	N. J.
<i>Forcipomyia raleighi</i> Macfie (Heleidae):					
<i>Lilium</i> sp.....	Mexico.....	—	—	1	Tex.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	England.....	—	1	—	Tex.
Clothing.....	Soldier's mail.....	1	—	—	Ga.
<i>Hyacinthus</i> sp.....	Netherlands.....	—	—	1	N. Y.
<i>Narcissus</i> sp.....	do.....	—	—	2	N. Y.
<i>Scilla</i> sp.....	do.....	—	—	1	N. Y.
Soil around rhododendron.....	England.....	—	—	1	N. J.
Sod ballast.....	Scotland.....	1	—	—	N. Y.
<i>Tulipa</i> sp.....	Netherlands.....	—	—	5	N. Y.
<i>Frankliniella bratleyi</i> Wats. (Thripidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1	—	—	Tex.
<i>Polianthes tuberosa</i> (tuberose).....	do.....	1	—	—	Tex.
<i>Polianthes</i> sp.....	do.....	—	—	1	Tex.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	do.....	1	—	—	Tex.
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....	1	—	—	Tex.
<i>Gladiolus</i> sp.....	do.....	2	—	—	Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1	—	—	Tex.
<i>Polianthes tuberosa</i> (tuberose).....	do.....	1	—	—	Tex.
<i>Rosa</i> sp.....	do.....	2	1	—	Tex.
<i>Frankliniella insularis</i> (Frank.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Venezuela.....	1	—	—	Fla.*
<i>Gardenia augusta</i> (Cape-jasmine).....	Cuba.....	1	—	—	Fla.*
<i>Rosa</i> sp.....	Mexico.....	1	—	—	Fla.*
<i>Frankliniella minuta</i> (Mlt.) (Thripidae):					
<i>Cattleya dowiana</i> (orchid).....	Costa Rica.....	—	—	1	Calif.*
<i>Chrysanthemum</i> sp.....	Mexico.....	1	—	—	Tex.
<i>Dianthus</i> sp. (carnation).....	do.....	1	—	—	Tex.
<i>Gladiolus</i> sp.....	do.....	1	—	—	Tex.
Orchid.....	do.....	—	—	2	Tex.
<i>Frankliniella moultoni</i> Hood (Thripidae):					
<i>Pinus</i> sp. (pine).....	British Columbia.....	1	—	—	Wash.
<i>Fulbicus fuscans</i> Dist. (Miridae):					
<i>Odontoglossum grande</i> (orchid).....	Guatemala.....	—	—	1	Calif.*
<i>Fundella pellucens</i> Zell. (Phytitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	4	—	—	Fla.*
<i>Furcaspis bifurmis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid).....	Canal Zone, Panama.....	—	—	2	Calif.*, Tex.
<i>Cattleya dowiana</i> (orchid).....	Canal Zone.....	—	—	1	Tex.
<i>Cattleya gigas</i> (orchid).....	Colombia.....	—	—	3	Calif.*
<i>Cattleya lueddemanniana</i> .....	Venezuela.....	—	—	1	Calif.*
<i>Cattleya periclitiana</i> .....	do.....	—	—	2	Calif.*
<i>Cattleya trianae</i> .....	Colombia.....	—	—	1	Calif.*
<i>Cattleya</i> sp.....	Colombia, Costa Rica, Venezuela.....	—	—	9	Calif.*, N. J., P. R., Tex.
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone, Panama.....	—	—	7	Calif.*, Tex.
<i>Epidendrum</i> sp.....	Colombia, soldier's mail.....	—	—	2	N. J.
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....	—	—	4	Tex.
<i>Oncidium panamense</i> .....	do.....	—	—	1	Calif.*
Orchid.....	Ceylon, Puerto Rico.....	1	—	1	Fla., N. J.
<i>Vanda joaquimiae</i> (orchid).....	Hawaii.....	—	—	1	Calif.*
<i>Vanda teres</i> .....	Grenada.....	—	—	1	N. J.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Furcaspis oceanica</i> Lindgr. (Coccidae): <i>Cocos nucifera</i> (coconut).....	Admiralty Island, Eniwetok Island, Marshall Islands, Palau Islands, South Pacific.	5	---	1	Calif.*
<i>Galgupha caerulea</i> Stal (Pentatomidae): Orchid.....	Mexico.....	---	---	1	Tex.
<i>Galgupha punctifer</i> McA.-M. (Pentatomidae): <i>Oncidium panamense</i> (orchid).....	Canal Zone.....	---	---	1	Tex.
<i>Geocnethus semileris</i> (Sign.) (Cynididae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Tex.
<i>Gerstaeckeria mutillaria</i> Gerst. (Curulionidae): Cactus.....	do.....	---	---	1	Tex.
<i>Glyphonyx praecox</i> Er. (Elateridae): <i>Solanum tuberosum</i> (potato).....	do.....	1	---	---	Tex.
<i>Glyptina nivalis</i> Horn (Chrysomelidae): <i>Chrysanthemum</i> sp.....	do.....	1	---	---	Tex.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae): <i>Capsicum frutescens</i> (pepper).....	Cuba, Mexico.....	21	1	---	Ariz., La., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Tex.
<i>Gnorimoschema lapernella</i> (Chamb.) (Gelechiidae): <i>Physalis</i> sp. (husk tomato).....	do.....	13	---	---	Tex.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae): <i>Solanum tuberosum</i> (potato).....	Chile.....	---	1	---	La.
<i>Gracilaria azaleella</i> (Brants) (Gracilariidae): <i>Rhododendron indicum</i> (azalea).....	Belgium.....	---	---	1	N. J.
<i>Rhododendron</i> sp. (azalea).....	Belgium, Netherlands.....	---	---	12	N. J.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae): <i>Malus sylvestris</i> (apple).....	Mexico.....	1	---	---	Tex.
<i>Prunus persica</i> (peach).....	Mexico (?).....	1	---	---	Tex.
<i>Grapholitha saltitans</i> (Westw.) (Olethreutidae): <i>Sebastiania paroniana</i> (Mexican jumping bean).....	Mexico.....	1	---	---	Tex.
<i>Gymnandrosoma aurantianum</i> Da Costa Lima (?) (Olethreutidae): <i>Citrus sinensis</i> (orange).....	Brazil.....	---	1	---	Mass.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae): <i>Dianthus</i> sp. (carnation).....	Greece.....	1	---	---	N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Thripidae): <i>Gladiolus</i> sp.....	Mexico.....	1	---	---	Tex.
<i>Polyanthus tuberosa</i> (tuberose).....	do.....	1	---	---	Tex.
<i>Heliodines bella</i> (Chamb.) (Helioidinidae): <i>Portulaca oleracea</i> (purslane).....	do.....	30	---	---	Ariz., Tex.
<i>Heliothis subflexa</i> (Gn.) (Phalaenidae): <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	2	---	---	N. Y., P. R.
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	11	---	---	Tex.
<i>Hermetia illucens</i> (L.) (Stratiomyidae): <i>Persea americana</i> (avocado).....	Hawaii.....	---	1	---	Calif.*
<i>Heterarthron plicatum</i> (Lec.) (Bostrichidae): Hardwood log.....	Mexico.....	1	---	---	Wash.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae): Plywood.....	India.....	3	---	---	Ill., Ohio.
Wood.....	do.....	6	---	---	N. J.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae): Bulb.....	Netherlands.....	---	---	1	N. J.
<i>Chionodoxa</i> sp.....	do.....	---	---	1	N. Y.
<i>Gladiolus</i> sp.....	do.....	---	---	2	N. J., N. Y.
Hay.....	Unknown.....	1	---	---	Tex.
<i>Helenium</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Hyacinthus</i> sp.....	do.....	---	---	2	Calif.,* La.
<i>Leptospermum scoparium</i> .....	New Zealand.....	---	---	1	Calif.*
<i>Meconopsis</i> sp.....	Ireland.....	---	---	1	N. J.
<i>Tulipa</i> sp.....	Netherlands, soldier's mail.....	1	---	1	Calif.,* Ky.
<i>Holosternus distans</i> Sharp (Cryptogagidae): <i>Rosa</i> sp.....	Mexico.....	1	---	---	Tex.
<i>Homoeosoma electellum</i> (Hlnt.) (Phycitidae): Flower.....	do.....	3	---	---	Tex.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
Pinus sp. (pine).....	Sweden.....	1			N. Y.
<i>Hystipyla grandella</i> (Zell.) (Phycitidae):					
Hardwood log.....	Mexico.....	1			Calif.*
<i>Swietenia mahagoni</i> (mahogany).....	do.....	1			Wash.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae):					
Castanea sp. (chestnut).....	Portugal.....	1			Pa.
Vitis sp. (grape).....	Union of South Africa.....	1			Mass.
<i>Iridomyrmex iniquus</i> Mayr. (Formicidae):					
Cattleya sp. (orchid).....	Colombia, Venezuela.....			4	N. J.
<i>Iridomyrmex iniquus nigella</i> Emery (Formicidae):					
Cattleya mossiae (orchid).....	Venezuela.....			1	Calif.*
Cattleya trianae.....	Colombia.....			1	Calif.*
Epidendrum sp. (orchid).....	Guatemala.....			1	Calif.*
Lycaste sp. (orchid).....	do.....			1	Calif.*
Miltonia endresii (orchid).....	Costa Rica.....			1	Calif.*
Odontoglossum schlieperianum (orchid).....	do.....			1	Calif.*
<i>Jornandes intermedius</i> Dist. (Miridae):					
Rosa sp.....	Mexico.....		1		Tex.
<i>Kaloterms clevelandi</i> Snyder (Kalotermitidae):					
Guajacum officinale (lignum vitae).....	Guatemala.....	1			Calif.*
<i>Kaloterms jouteli</i> Banks (Kalotermitidae):					
Guajacum officinale (lignum vitae).....	Mexico.....	1			Calif.*
<i>Kaloterms nigratus</i> Snyder (Kalotermitidae):					
Brosimum alicastrum (Ramon breadnut tree).....	Guatemala.....	1			Wash.
<i>Kaloterms snyderi</i> Light (Kalotermitidae):					
Guajacum officinale (lignum vitae).....	do.....	1			Calif.*
<i>Lamprodema maurum</i> (F.) (Lygaeidae):					
Wood.....	Portugal.....	1			N. Y.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
Castanea sp. (chestnut).....	Belgium, England, Italy, Portugal, soldier's mail.	8			Colo., Ohio, Pa., Wash.
<i>Lathridius bergrothi</i> Reitt. (Lathridiidae):					
Grass.....	Soldier's mail.....	1			N. Y.
Hay.....	do.....	1			Tex.
<i>Lathridius nodifer</i> Westw. (Lathridiidae):					
Cattleya sp. (orchid).....	Colombia.....			1	Tex.
Daphne sp.....	Netherlands.....			1	N. J.
Gladiolus sp.....	Mexico.....			2	Tex.
Hyacinthus sp.....	Netherlands.....			3	N. Y.
Orchid.....	Mexico.....			2	Tex.
<i>Lema quinque-notata</i> Clark (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Leperisinus frazini</i> (Panz.) (Scolytidae):					
Frazinus sp. (ash).....	England.....	3			N. Y.
<i>Lepidosaphes alba</i> (Ckll.) (Coccidae):					
Manihot esculenta (cassava).....	Cuba.....	1			Fla.*
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
Ficus carica (fig).....	Algeria, Tunisia.....			2	D. C.
<i>Lepidosaphes pallida</i> Green (Coccidae):					
Juniperus sp. (juniper).....	Japan.....	1			Wash.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Acanthocereus subinermis (cactus).....	Mexico.....			1	Tex.
Cactus.....	do.....			2	Tex.
Cereus marginatus (cactus).....	do.....			1	Tex.
Lemaireocereus clauatus (cactus).....	do.....			1	Tex.
Lemaireocereus stellatus (cactus).....	do.....			1	Tex.
Lemaireocereus sp.....	do.....			1	Tex.
Myrtillocactus grandiaureolatus (cactus).....	do.....			1	Tex.
Thelocactus saussieri (cactus).....	do.....			1	Tex.
<i>Lepidosaphes punicea</i> Laing (Coccidae):					
Litchi philippinensis (lychee).....	Honduras.....			1	D. C.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
Codiaeum sp. (croton).....	Hawaii, Puerto Rico.....	2			Calif.,* Fla.*
<i>Lepidosaphes tuberculata</i> (Malen) (Coccidae):					
Cymbidium sp. (orchid).....	England, India, Japan.....			11	Calif.,* N. J.
<i>Leptipsius striatus</i> (Lec.) (Monotomidae):					
Zea mays (corn).....	Mexico.....	3			Tex.



*Lists of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued*

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<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Leucaspis cockerelli</i> (deCharmoy) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	West Indies		1		Calif.*
<i>Citrus sinensis</i> (orange)	Panama		1		Calif.
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
<i>Vanda</i> sp. (orchid)	Jamaica			1	N. J.
<i>Leucinodes elegantalis</i> Gn. (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	98			Tex.
<i>Solanum melongena</i> (eggplant)	do	1			Tex.
<i>Leucopocila albofasciata</i> Reuter (Miridae):					
<i>Brassica oleracea gongylodes</i> (kohlrabi)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do		1		Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Leucoptera coffeella</i> (Guer.) (Lyonetiidae):					
<i>Coffea</i> sp.	do	2			Tex.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce)	Cuba	1			P. R.
<i>Ligyrocoris aurivilliana</i> Dist. (Lygaeidae):					
<i>Allium cepa</i> (onion)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Ligyrocoris litigiosus</i> Stal (Lygaeidae):					
<i>Laelia superbiens</i> (orchid)	Guatemala			1	Calif.*
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Liorhyssus hyalinus</i> (F.) (Coreidae):					
<i>Lactuca sativa</i> (lettuce)	do	2			Ariz., Tex.
<i>Liothrips vaneeckei</i> Pr. (Thripidae):					
<i>Lilium</i> sp.	France			5	N. Y.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Lophocateres pusillus</i> (Klug.) (Ostomidae):					
<i>Oryza sativa</i> (rice)	Brazil, Colombia	1	1		Fla.* Tex.
<i>Phaseolus limensis</i> (lima bean)	India	1			N. Y.
Wood	Morocco	1			N. Y.
<i>Zea mays</i> (corn)	Mexico	2			Tex.
<i>Lygaeus analis</i> Dallas (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	4			Tex.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
<i>Laelia anceps</i> (orchid)	do			1	Tex.
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Tex.
Orchid	Mexico			1	Tex.
<i>Lygus elisus</i> Van Duzee (Miridae):					
<i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Brassica</i> sp. (mustard)	do	2			Tex.
<i>Raphanus sativus</i> (radish)	do	2			Tex.
<i>Lygus hesperus</i> Knight (Miridae):					
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Lygus oblineatus</i> (Say) (Miridae):					
<i>Brassica</i> sp. (mustard)	do	4			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1	1		Ariz.
<i>Rorippa nasturtium aquaticum</i> (watercress)	do	1			Ariz.
<i>Lygus rubicundus</i> (Fall.) (Miridae):					
<i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Raphanus sativus</i> (radish)	do	3			Tex.
<i>Lygus sallei</i> Stal (Miridae):					
Daisy	do	1			Tex.
<i>Dianthus</i> sp. (carnation)	do	1			Tex.
<i>Macrocephalus stali</i> Handl. (Phymatidae):					
Orchid	do			1	Tex.
<i>Macrocoma aureovillosa</i> (Marshall) (Chrysomelidae):					
Grass	East Africa			1	D. C.
<i>Marmara opuntiiella</i> Busck (Pyraustidae):					
<i>Opuntia</i> sp. (cactus)	Mexico	1			Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			Fla.*
<i>Capsicum frutescens</i> (pepper)	Hawaii		1		Wash.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

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		Consumption	Nonentry	Propagation	
<i>Maruca testulalis</i> —Continued					
<i>Phaseolus vulgaris</i> (kidney bean).....	Hawaii	2	1		Calif.*
<i>Phaseolus</i> sp. (string bean).....	Hawaii, Panama, Puerto Rico, Trini- dad.	2	7		Calif., *La., Tex., Wash.
<i>Micrapate dinoderoides</i> (Horn) (Bostrichidae):					
<i>Prosopis</i> sp. (mesquite).....	Mexico.....		1		Tex.
<i>Microtheca ochroloma</i> Stal (Chrysomelidae):					
<i>Vitis</i> sp. (grape).....	Argentina.....	1			La.
<i>Mimosestes dominicanus</i> (Jekel) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Colombia, Domini- can Republic, Mexico, Nicaragua.	7			La., N. Y., Tex.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
<i>Cattleya mossiae</i> (orchid).....	Venezuela.....			1	Calif.*
Grass hat.....	Soldier's mail.....	1			Wash.
Grass packing.....	do.....	1			Tex.
<i>Khaya</i> sp.....	India (?).....	2			La.
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Tex.
Wood.....	do.....	2			N. Y.
<i>Zingiber officinale</i> (ginger).....	Guatemala.....	1			La.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	17	1		Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Colombia, Peru.....			5	Calif.*, N. J.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus sinensis</i> (orange).....	Australia.....		1		Calif.*
<i>Nerium oleander</i> (oleander).....	Bahamas.....	1			Fla.*
<i>Mormidea collaris</i> Dallas (Pentatomidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Mormidea notulata</i> (H.-S.) (Pentatomidae):					
Orchid.....	do.....			3	Tex.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Phoenix dactylifera</i> (date).....	Palestine.....	1			N. Y.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Myzus duftieldii</i> (Theob.) (Aphidae):					
<i>Crocus</i> sp.....	Netherlands.....			1	N. J.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
<i>Brassica</i> sp. (mustard).....	Mexico.....	1			Tex.
<i>Nabis dentipes</i> Har. (Nabidae):					
Orchid.....	do.....			1	Tex.
<i>Nasutitermes nigriceps</i> (Hald.) (Termitidae):					
Orchid.....	do.....			1	Tex.
<i>Nemapogon granella</i> (L.) (Tineidae):					
<i>Agaricus campestris</i> (mushroom).....	China Yugoslavia.....	3			D. C., Wash.
<i>Anemone</i> sp.....	Netherlands.....	2			Mass.
<i>Tulipa</i> sp.....	do.....			3	Mass., N. Y.
<i>Neoclytus cacticus</i> Chev. (Cerambycidae):					
<i>Guajacum officinale</i> (lignum vitae).....	Guatemala.....	1			Calif.*
<i>Neodryocetes exquisitus</i> Blkm. (Scolytidae):					
Wood.....	Mexico.....	1			Wash.
<i>Neofurius carvalhoi</i> Da Costa Lima (Miridae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			7	N. J.
<i>Neokolla heiroglyphica</i> (Say) (Cicadellidae):					
Flower.....	Mexico.....	1			Tex.
<i>Nicobium castaneum</i> (Oliv.) (Anobiidae):					
Cereal straw.....	Azores.....	1			N. Y.
<i>Nicobium castaneum hirtum</i> (Ill.) (Anobiidae):					
<i>Castanea</i> sp. (chestnut).....	Bermuda.....	1			Md.
<i>Niptus hololeucus</i> (Fald.) (Ptinidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			N. Y.
<i>Nysius calliger</i> Stal (Lygaeidae):					
<i>Zantedeschia aethiopica</i> (calla lily).....	Mexico.....	1			Tex.
<i>Nysius minutus</i> Uhl. (Lygaeidae):					
<i>Beta vulgaris</i> (beet).....	do.....	1			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard).....	do.....	1			Ariz.
<i>Brassica</i> sp. (mustard).....	do.....	17			Tex.
<i>Lactuca sativa</i> (Lettuce).....	do.....	14			Ariz.



List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

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<i>Nysius minutus</i> —Continued					
<i>Portulaca oleracea</i> (purslane)	Mexico	2			Tex.
<i>Raphanus sativus</i> (radish)	do	8			Tex.
<i>Spinacia oleracea</i> (spinach)	do	1			Ariz.
<i>Nysius strigosus</i> Uhl. (Lygaeidae):					
<i>Chrysanthemum parthenium</i> (feverfew)	do	1			Tex.
<i>Medicago sativa</i> (alfalfa)	do	1			Tex.
<i>Oedancala bimaculata</i> (Dist.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Oedionychis atroguttata</i> Jac. (Chrysomelidae):					
Orchid	do			4	Tex.
<i>Ogdoecosta catenulata</i> (Boh.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Olibrus submaculatus</i> Sharp (Phalaeridae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Oosternum costatum</i> Sharp (Hydrophilidae):					
Orchid	do			1	Tex.
<i>Orectis rugosa</i> (Boh.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Orthezia cataphracta</i> Shaw (Coccidae):					
<i>Sedum</i> sp.	Greenland			1	Mass.
<i>Oxythrea funesta</i> (Poda) (Scarabaeidae):					
Sand ballast	Algeria	2			Tex.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Pachybrachis uteanus</i> Fall (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Pachybrachius basalis</i> (Dallas) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			La.
Orchid	Mexico			2	Tex.
<i>Pachybrachius servillei</i> (G.-M.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	Wash.
<i>Pachybrachius vinctus</i> (Say) (Lygaeidae):					
Airplane	Mexico		1		Tex.
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Pachygrontha oedancalodes</i> Stal (Lygaeidae):					
Orchid	do			3	Tex.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	3			Fla.,* N. Y., S. C.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
Soil around plant	Azores			1	N. J.
<i>Paragonatas divergens</i> (Dist.) (Lygaeidae):					
<i>Lycaste</i> sp. (orchid)	Canal Zone			1	Tex.
<i>Paralodiplosis cattleyae</i> Moll. (Itonididae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	Calif.*
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia)	Switzerland			1	N. Y.
<i>Parlatoria chinensis</i> (Marl.) (Coccidae):					
<i>Malus</i> sp.	Japan			1	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Paraguay	1			Fla.*
<i>Citrus sinensis</i> (orange)	Brazil, Marquesas Island.		2		Calif.,* Fla.*
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	New Guinea		1		Calif.*
<i>Citrus grandis</i> (pummelo)	Malaysia		1		Calif.*
<i>Parlatoria erotonis</i> Douglas (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Jamaica	1			Fla.*
<i>Parlatoria oleae</i> (Colvce) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Yugoslavia		1		N. Y.
<i>Malus sylvestris</i> (apple)	Italy		1		Pa.
<i>Pyrus communis</i> (pear)	Argentina, Italy	1	1		N. Y.
<i>Parlatoria pseudaspidiotus</i> (Lindg.) (Coccidae):					
<i>Cymbidium finlaysonianum</i> (orchid)	Philippines			1	Calif.*
Orchid	Soldier's mail			1	N. J.
<i>Vanda joaquimiae</i> (orchid)	Philippines			3	Calif.*
<i>Vanda teres</i>	India, Philippines, soldier's mail.			12	Calif.,* N. J.
<i>Vanda</i> sp.	Canal Zone, Philippines			2	Calif.,* Tex.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

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<i>Parlatoria theae</i> Ckll. (Coccidae):					
<i>Acer palmatum</i> (Japanese maple).....	Japan.....			2	Calif.*
<i>Acer</i> sp.....	do.....			2	Calif.,* N. J.
<i>Malus</i> sp.....	do.....			1	Calif.*
<i>Prunus</i> sp.....	do.....			1	Wash.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus reticulata</i> (tangerine).....	Algeria, China.....		2		Calif.,* Pa.
<i>Citrus sinensis</i> (orange).....	Spain.....		1		Calif.*
<i>Citrus</i> sp.....	China.....		1		Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton boll).....	Bahamas, Hawaii.....	2	1	1	Calif.,* Fla.*
<i>Gossypium</i> sp. (cotton; gin motes).....	Argentina.....	1			Tex.
<i>Gossypium</i> sp. (cotton lint).....	do.....	1			Tex.
<i>Gossypium</i> sp. (cottonseed).....	Brazil, China (?), Cuba, Egypt, Hawaii, Mex- ico, soldier's mail.....	14			Calif.,* Fla.,* Minn., N. Y., Ohio, Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico, soldier's mail.....	2			Fla.,* Tex.
<i>Gossypium</i> sp. (cotton).....	Bahamas.....	1			Fla.*
<i>Hibiscus esculentus</i> (okra).....	Panama, Puerto Rico.....	1	1		Fla.,* Mass.
<i>Pentodon punctatus</i> (Vill.) (Scarabaeidae):					
Sand ballast.....	Italy.....	1			Tex.
<i>Peregrinus maidis</i> (Ashm.) (Araeopidae):					
<i>Zea mays</i> (corn).....	Mexico.....	1			Tex.
<i>Phaedria maxima</i> (Lef.) (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Apium graveolens</i> (celery).....	Mozambique.....		1		Mass.
<i>Phenacaspis sandwicensis</i> Fullaway (?) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	3			Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Pelargonium</i> sp. (geranium).....	Mexico.....	1		2	Ariz., Tex.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Malus sylvestris</i> (apple).....	Union of South Africa.....	1			Mass.
<i>Vitis</i> sp. (grape).....	do.....	1			Mass.
<i>Phyllotreta pyri</i> (L.) (Curculionidae):					
<i>Agropyron repens</i> (quack grass).....	Belgium.....	1			N. Y.
<i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae):					
<i>Brassica oleracea botrytis</i> (cauli flower).....	Italy.....		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		1		Pa.
<i>Physonota mexicana</i> Boh. (Chrysomelidae):					
Orchid.....	Mexico.....			1	Ariz.
<i>Phytomyza ilicis</i> Curt. (Agromyzidae):					
<i>Ilex aquifolium</i> (English holly).....	British Columbia.....	1			Ohio
<i>Ilex</i> sp. (holly).....	do.....	1		1	Minn., Wash.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Calif.*
Orchid.....	New Guinea, South Pacific.....			2	Calif.*
<i>Pityophthorus cribratus</i> Blkm. (Scolytidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Pinus</i> sp. (pine).....	do.....	1			Ariz.
Unidentified bark.....	do.....	1			Ariz.
<i>Pityophthorus durus</i> Blkm. (Scolytidae):					
<i>Pinus</i> sp. (pine).....	do.....	2			Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Cerambycidae):					
Groceries.....	do.....	1			Tex.
<i>Plagioder aeneiventris</i> Stal (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Plagioder semivittata</i> Stal (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Platynota stultana</i> (Wism.) (Tortricidae):					
<i>Beta vulgaris cicla</i> (Swiss chard).....	do.....	1			Tex.
<i>Capsicum frutescens</i> (pepper).....	do.....	97			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	22			Ariz.
<i>Phaseolus</i> sp. (string bean).....	do.....	1			Ariz.

## List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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<i>Platypterus rugulosus</i> Chap. (Platypodidae):					
<i>Brosimum alicastrum</i> (ramon breadnuttree)	Guatemala	1			Calif.*
<i>Cyblastar donnell-smithi</i> (primavera)	Guatemala, Mexico	5			Calif.,* La.
<i>Guajacum officinale</i> (lignumvitae)	Guatemala	1			Calif.*
Hardwood log	Mexico	1			Calif.*
Unidentified log	Guatemala, Mexico	3			Calif.,* Tex., Wash.
Unidentified wood	Mexico	1			Ariz.
<i>Pnyzia scabiei</i> (Hopk.) (Fungivoridae):					
<i>Lilium longiflorum</i> (Easter lily)	do.			5	Tex.
<i>Lilium</i> sp.	do.			3	Tex.
" <i>Poliopsis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (pine)	Japan			2	N. J., Wash.
<i>Poronotus constrictus</i> (Stal) (Anthecoridae):					
Bamboo	Mexico	1			Ariz.
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
Straw hat	Service mail	1			Wash.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Prosopodonta balyi</i> Weise (Chrysomelidae):					
Orchid	Costa Rica			1	Tex.
<i>Protopulvinaria pyriformis</i> Kkll. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Costa Rica, Cuba, Puerto Rico, Venezuela.	21	2		Fla.*
<i>Rosa</i> sp.	Venezuela	1			Fla.*
<i>Sanchezia</i> sp.	Trinidad	1			Fla.*
<i>Pseudaonidia tessera</i> (de Charney) (Coccidae):					
<i>Bougainvillea</i> sp.	Salvador			1	D. C.
<i>Cattleya trianae</i> (orchid)	Colombia			1	Calif.*
<i>Pseudaonidia trilobitiformis</i> Green (Coccidae):					
<i>Prunus</i> sp.	British Guiana	1			Fla.*
<i>Pseudischchnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya skinneri</i> (orchid)	Costa Rica, Guatemala			3	Calif.,* Tex.
<i>Cattleya skinneri alba</i>	Costa Rica			1	N. J.
<i>Cattleya</i> sp.	do.			1	N. J.
<i>Cymbidium</i> sp. (orchid)	Mexico			1	Tex.
<i>Epidendrum fragrans</i> (orchid)	do.			1	Calif.*
<i>Epidendrum</i> sp.	Nicaragua, Orient			5	Calif.,* N. J.
Orchid	Mexico			2	Tex.
<i>Pseudischchnaspis bowreyi</i> (Kkll.) (Coccidae):					
<i>Psidium guajava</i> (guava)	Puerto Rico	1			Fla.*
<i>Rosa</i> sp.	do.	1			Fla.*
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba		2		Fla.*
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, South Pacific, Ulithi.	5	1	1	Calif.*
<i>Cocos</i> sp. (palm)	Hawaii			1	Calif.*
<i>Pseudoparlatoria ostreata</i> (Kkll.) (Coccidae):					
<i>Bryophyllum</i> sp.	Jamaica			1	N. J.
<i>Carica papaya</i> (papaya)	Cuba			1	Fla.*
<i>Cattleya bowerlingiana</i> (orchid)	Guatemala			1	Calif.*
<i>Cattleya gaskelliana</i>	Venezuela			2	Calif.*
<i>Cattleya mossiae</i>	do.			1	Calif.*
<i>Cattleya peruvianiana</i>	do.			1	Calif.*
<i>Epidendrum pentotis</i>	Guatemala			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	do.			1	Calif.*
<i>Lycaste skinneri</i> (orchid)	do.			1	Calif.*
<i>Odontoglossum grande</i> (orchid)	do.			3	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	do.			2	Calif.*
<i>Oncidium wentworthianum</i> (orchid)	do.			1	Calif.*
<i>Pseudoparlatoria serrulata</i> Towns. & Kkll. (Coccidae):					
Succulent stem	Mexico			1	N. J.
<i>Psila rosae</i> (F.) (Psilidae):					
<i>Apium graveolens</i> (celery)	Norway		1		Pa.
<i>Daucus carota sativa</i> (carrot)	England		3		Ala., N. Y., Tex.



List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

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<i>Psychoda alternata</i> Say (Psychodidae):					
<i>Lathyrus odoratus</i> (sweetpea).....	Mexico.....	1			Tex.
Plant litter.....	do.....		2		Tex.
<i>Psychoda severini</i> Tonn. (Psychodidae):					
<i>Colocasia esculenta</i> (inhame).....	Portugal.....	1			N. Y.
<i>Solanum tuberosum</i> (potato).....	England.....		1		Pa.
<i>Psylliodes chrysocephala</i> F. (Chrysomelidae):					
<i>Brassica napobrassica</i> (rutabaga).....	do.....		1		Mass.
<i>Brassica rapa</i> (turnip).....	do.....		3		N. Y., Pa.
<i>Ptenidium fuscicorne</i> Er. (Ptiliidae):					
<i>Galanthus</i> sp.....	do.....			1	Calif.*
<i>Ptinus ocellus</i> Brown (Ptinidae):					
<i>Cattleya dowiana</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	Costa Rica, Cuba, Mex- ico, Puerto Rico.....	4			Fla.,* Tex.
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	2			Fla.*
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper).....	Spain.....		1		Pa.
<i>Pyroderces stigmatophora</i> (Wlsm.) (Cosmoptery- gidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	2			N. Y.
<i>Renocis meriacus</i> Blkm. (Scolytidae):					
Pottery.....	Mexico.....	1			Tex.
Wooden crate.....	do.....	3			Ariz., Tex., Wash.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Crataegus</i> sp. (tejocote).....	do.....	1			Ariz.
<i>Malus sylvestris</i> (apple).....	do.....		1		Tex.
<i>Rhagoletis striatella</i> Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	18			Tex.
<i>Rhopalophora incrustata</i> Chevr. (Cerambycidae):					
Unidentified wood.....	do.....	2			Mass.
<i>Rhopalosiphoninus latysiphon</i> (David.) (Aphidae):					
<i>Gladiolus</i> sp.....	Netherlands.....			1	N. J.
<i>Tulipa</i> sp.....	England, Netherlands.....			4	N. J., N. Y., Wash.
<i>Viola</i> sp. (violet).....	England.....			1	N. J.
<i>Rhopalosiphoninus tulipaellus</i> (Theob.) (Aphidae):					
<i>Gladiolus</i> sp.....	Netherlands.....			1	Calif.*
<i>Iris</i> sp.....	England.....			1	N. J.
<i>Tigridia</i> sp.....	Netherlands.....	1			Pa.
<i>Tulipa</i> sp.....	Belgium, England (?), Netherlands.....		1	4	Calif.,* N. J., Ohio, Pa., Wash.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	17	1		La., N. Y., Tex.
<i>Scaphidium mexicanum</i> Cast. (Scaphidiidae):					
Orchid.....	Mexico.....			2	Tex.
<i>Scaphidium variabile</i> Matth. (Scaphidiidae):					
<i>Cattleya</i> sp. (orchid).....	do.....			1	Tex.
<i>Lycaste</i> sp. (orchid).....	Guatemala.....			1	Calif.*
Orchid.....	Mexico.....			3	Tex.
<i>Scarabaeus semipunctatus</i> F. (Scarabaeidae):					
Sand ballast.....	Algeria.....	1			Tex.
<i>Scolopocerus uhleri</i> Dist. (Coreidae):					
<i>Gossypium</i> sp. (cotton).....	Mexico.....	1			Tex.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Theobroma cacao</i> (cacao).....	Grenada.....	1			Fla.*
<i>Setomorpha insectella</i> (F.) (Tineidae):					
<i>Annona glabra</i> (pond-apple).....	British Honduras.....			1	La.
<i>Setomorpha rutella</i> Zell. (Tineidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Jamaica.....	1			N. Y.
<i>Capsicum frutescens</i> (pepper).....	Barbados.....	1			Mass.
<i>Cattleya mossiae</i> (orchid).....	Venezuela.....			1	P. R.
<i>Cattleya</i> sp.....	Colombia.....			1	N. J.
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
<i>Dioscorea</i> sp. (yam).....	St. Vincent.....	1			N. Y.
<i>Galanthus</i> sp.....	Netherlands.....			1	N. Y.



List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Setomorphia rutella</i> —Continued					
<i>Gladiolus</i> sp. ....	Mexico .....	1	—	1	Tex.
Herb .....	Puerto Rico .....	1	—	—	N. Y.
<i>Lilium longiflorum</i> (Easter lily) .....	Mexico .....	—	—	1	Tex.
Orchid .....	do. ....	—	—	1	Tex.
<i>Solanum tuberosum</i> (potato) .....	do. ....	—	1	—	Tex.
<i>Sinorylon anale</i> Les. (Bostrichidae):					
<i>Oryza sativa</i> (rice) .....	India .....	1	—	—	N. Y.
Unidentified wood .....	do. ....	1	—	—	N. J.
<i>Sinorylon conigerum</i> Gerst. (Bostrichidae):					
<i>Samanea saman</i> (raintree saman) .....	Hawaii .....	1	—	—	Calif.*
<i>Sinorylon serdentatum</i> (Oliv.) (Bostrichidae):					
Unidentified wood .....	Morocco, Portugal .....	2	—	—	N. Y.
<i>Sitona cambricus</i> Steph. (Curculionidae):					
<i>Ornithopus sativus</i> (serradella) .....	Portugal .....	—	—	1	D. C.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Narcissus</i> sp. ....	Netherlands .....	—	—	2	N. Y.
<i>Sizeonotus areolatus</i> Knight (Miridae):					
<i>Lactuca sativa</i> (lettuce) .....	Mexico .....	1	—	—	Tex.
<i>Sizeonotus luteiceps</i> Reuter (Miridae):					
Cactus .....	do. ....	—	—	25	Tex.
<i>Mammillaria</i> sp. (cactus) .....	do. ....	—	—	1	Tex.
<i>Sosylus terminalis</i> Sharp (Colydiidae):					
<i>Cyblastaz donnell-smithi</i> (primavera) .....	Guatemala .....	1	—	—	Calif.*
<i>Specularius erythrinae</i> Bridw. (Bruchidae):					
<i>Erythrina caffra</i> (coralbean) .....	Union of South Africa .....	—	—	1	N. J.
<i>Stegasta bosquella</i> (Chamb.) (Gelechiidae):					
<i>Pisum sativum</i> (pea) .....	Mexico .....	—	1	—	Tex.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado) .....	Mexico, Guatemala, Salvador .....	9	1	—	La., Tex.
<i>Stenobarsus globosus</i> (Guer.) (Endomychidae):					
<i>Cattleya</i> sp. (orchid) .....	Venezuela .....	—	—	1	N. J.
<i>Stephanoderes guatemalensis</i> Hopk. (Scolytidae):					
Bean .....	Honduras .....	1	—	—	Ala.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Arthrostygidium racemiflorum</i> (bamboo) .....	Mexico .....	2	—	—	Ariz.
<i>Zea mays</i> (corn) .....	do. ....	1	—	—	Tex.
<i>Sternochetus mangiferae</i> F. (Curculionidae):					
<i>Mangifera indica</i> (mango) .....	Hawaii .....	1	—	2	Calif.*
<i>Mangifera</i> sp. ....	do. ....	1	—	—	Calif.*
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather) .....	Scotland .....	1	—	—	N. Y.
<i>Lavandula</i> sp. (lavender) .....	Canada .....	1	—	—	Wash.
<i>Sorbus</i> sp. (mountain ash) .....	Scotland .....	1	—	—	N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather) .....	England, Scotland .....	4	—	—	Ga., Md., N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Gardenia augusta</i> (Cape-jasmine) .....	Hawaii .....	1	—	—	Calif.*
<i>Heliconia collinsiana</i> .....	do. ....	1	—	—	Calif.*
<i>Taeniothrips simplex</i> (Morg.) (Thripidae):					
<i>Chrysanthemum</i> sp. ....	Mexico .....	1	—	—	Tex.
<i>Dianthus</i> sp. (carnation) .....	Mexico, Puerto Rico, Venezuela .....	6	—	—	Fla.,* Tex.
<i>Gladiolus</i> sp. ....	Argentina, Canada, Mexico .....	14	—	48	La., N. J., N. Y., Tex.
<i>Iris</i> sp. ....	Mexico .....	1	—	—	La.
<i>Talpoma batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya) .....	do. ....	3	—	—	Tex.
<i>Tanymecus confusus</i> (Say) (Curculionidae):					
<i>Cichorium endivia</i> (endive) .....	do. ....	1	—	—	Tex.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple) .....	do. ....	30	—	—	Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam) .....	Antigua, Cuba, Jamaica, Virgin Islands .....	4	—	—	Fla.,* N. Y.
<i>Xanthosoma</i> sp. (yautia) .....	Virgin Islands .....	1	—	—	N. Y.
<i>Zingiber officinale</i> (ginger) .....	Barbados, St. Vincent .....	3	—	—	N. Y.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
" <i>Targionia</i> " <i>quohogiformis</i> Merrill (Coccidae):					
<i>Ilex</i> sp.	Okinawa			1	Wash.
<i>Targionia sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba, Haiti, Puerto Rico, soldier's mail.	10	1		Fla.*
<i>Teleonemia scrupulosa</i> Stal (Tingidae):					
<i>Mentha</i> sp. (mint)	Mexico	1			Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Cattleya pericaliana</i> (orchid)	Venezuela			1	N. J.
<i>Cattleya</i> sp.	Brazil, Colombia, Venezuela,			20	N. J.
<i>Cornus</i> sp.	Netherlands			1	N. J.
<i>Laelia</i> sp. (orchid)	Brazil			1	N. J.
<i>Oncidium</i> sp. (orchid)	do			2	N. J.
<i>Orehid</i>	Brazil, Colombia	1		1	Fla.,* N. J.
<i>Sophrionitis grandiflora</i> (orchid)	Brazil			1	N. J.
<i>Tenthecoris eritiosus</i> (Dist.) (Miridae):					
<i>Cattleya</i> sp. (orchid)	Colombia			5	N. J., Tex.
<i>Orehid</i>	do	1			Tex.
<i>Termes panamaensis</i> Snyder (Termitidae):					
<i>Guajacum officinale</i> (lignumvitae)	Mexico	1			Calif.*
<i>Tetraleurodes fici</i> Q. & B. (Aleyrodidae):					
<i>Olmediella</i> sp.	Guatemala			1	Calif.*
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	Mexico	2			Tex.
<i>Citrus</i> sp.	do	6			Ariz., Tex.
Herb	do	1			Tex.
<i>Psidium guajava</i> (guava)	do	2			Ariz.
<i>Theretia</i> sp.	do			1	Ariz.
<i>Tetrapiocera longicornis</i> (Oliv.) (Bostrichidae):					
Unidentified wood	Cuba, Mexico	2			Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Ranunculus</i> sp.	France	1			N. Y.
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Achimenes</i> sp.	Canada			1	N. J.
<i>Trichobaris championi</i> Barber (Curculionidae):					
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Trichobaris mucorea</i> (Lec.) (Curculionidae):					
<i>Solanum melongena</i> (eggplant)	do	1			Ariz.
<i>Trochoideus americanus</i> Buq. (Endomychidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Trogosylon spinifrons</i> Lesne (Lyctidae):					
Unidentified wood	India	2			N. J.
<i>Tychius griseus</i> Schaeff. (Curculionidae):					
<i>Iris sibirica</i> (Siberian iris)	Ontario			1	N. J.
<i>Tychius inermis</i> Csy. (Curculionidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Cuba, Jamaica, Trinidad.	1	2		Fla.,* P. R.
<i>Citrus sinensis</i> (orange)	Costa Rica, Dominican Republic.	1	1		Fla.*
<i>Vasseletia vasseleti</i> (Boh.) (Brentidae):					
<i>Cyblastax donnell-smithi</i> (primavera)	Mexico	1			Calif.*
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Acineta chrysantha</i>	Canal Zone			1	Calif.*
<i>Aspasia epidendroides</i> (orchid)	do			1	Calif.*
<i>Aspasia principissa</i>	do			1	Calif.*
Bay (?)	Dominican Republic			1	Fla.*
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	N. J.
<i>Epidendrum anceps</i> (orchid)	Canal Zone			1	Calif.*
<i>Epidendrum atropurpureum</i>	do			1	Tex.
<i>Epidendrum ciliare</i>	Canal Zone, Panama			2	Calif.*
<i>Epidendrum</i> sp.	Canal Zone			1	Tex.
<i>Lycaste dowiana</i> (orchid)	do			1	Tex.
<i>Muzillaria</i> sp. (orchid)	do			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Dominican Republic, Puerto Rico.	1	1		Fla.,* N. Y.
<i>Orchid</i>	Canal Zone			1	Calif.*

## List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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		Consumption	Nonentry	Propagation	
<i>Vinsonia stellifera</i> —Continued					
<i>Peristeria elata</i> (orchid)	Canal Zone, Costa Rica			3	Calif.,* Tex.
<i>Pleurothallis tridentata</i> (orchid)	Canal Zone			1	Calif.,*
<i>Pleurothallis</i> sp.	do.			2	Calif.,*
<i>Trigonidium seemanni</i> (orchid)	Soldier's mail			1	N. J.
<i>Voria ruralis</i> (Fallen) (Larvaevoridae):					
<i>Brassica oleracea capitata</i> (cabbage)	Mexico	1			Tex.
<i>Xylaplothrips subterraneus</i> Cwfd. (Phlaothripidae):					
<i>Lilium</i> sp.	France			1	N. Y.
<i>Xyleborus affinis</i> Eichh. (Scolytidae):					
<i>Cybistax donnell-smithi</i> (primavera)	Mexico	2			N. Y. Tex.
<i>Gladiolus</i> sp.	do.			1	
<i>Xyleborus confusus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar)	Canal Zone	1			N. Y.
<i>Cybistax donnell-smithi</i> (primavera)	Guatemala, Mexico	2			Calif.,* N. Y.
<i>Erythrina micropteryx</i>	Dominican Republic	1			D. C.
Slat	Mexico	1			Tex.
Undetermined log.	do.	1			Calif.,*
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
Bamboo	do.			3	Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
<i>Allium cepa</i> (onion)	do.	1			Tex.
<i>Citrus</i> sp.	do.		1		Tex.
Palm	do.		1		Tex.
<i>Pinus</i> sp. (pine)	do.	1			Tex.
<i>Zea mays</i> (corn)	do.	1			Tex.
<i>Xylomeira torquata</i> (F.) (Bostrichidae):					
<i>Zea mays</i> (corn)	do.	1			Tex.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Bean	Brazil, Curacao, Guatemala, Mexico.	25	2		Ala., Ariz., N. Y., Tex.
<i>Cajanus cajan</i> (pigeonpea)	Salvador			1	D. C.
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
Orchid	do.			1	Tex.
<i>Persea americana</i> (avocado)	do.	1			Tex.
<i>Phaseolus vulgaris</i> (kidney bean)	Peru			2	D. C.
<i>Phaseolus</i> sp. (?)	Salvador	1			Calif.,*
<i>Zea mays</i> (corn)	Mexico	1			Tex.

## Hosts and insects

## ACACIA:

*Acanthoscelides sallaei* (?) (Coleoptera)

## ACANTHOCEREUS: See Cactaceae

## ACER:

*Parlatoria theae* (Homoptera)

## ACHIMENES:

*Trialeurodes vaporariorum* (Homoptera)

## ACHRAS:

*Anastrepha serpentina* (Diptera)*Asterolecanium pustulans* (Homoptera)

## AGARICUS:

*Corcyra cephalonica* (Lepidoptera)*Nemapogon granella* (Lepidoptera)

## AGROPYRON:

*Phyllobius pyri* (Coleoptera)

## ALLIUM CEPA:

*Chaetopsis fulvifrons* (Diptera)*Ligyrocoris aurivilliana* (Hemiptera)*Xylobiops texanus* (Coleoptera)

## ALLIUM SATIVUM:

*Aceria tulipae* (Acarina)*Bitoma brevipes* (Coleoptera)

## ANACARDIUM:

*Anastrepha mombinpraepians* (Diptera)

## ANANAS:

*Agallissus lepturoides* (Coleoptera)*Alpheias conspirata* (Lepidoptera)*Chaetopsis debilis* (Diptera)*Ereunetis flavistriata* (Lepidoptera)*Exptochiomera minima* (Hemiptera)*Oedancala bimaculata* (Hemiptera)*Olibrus submaculatus* (Coleoptera)*Pachybrachius basalis* (Hemiptera)*Pachybrachius vinctus* (Hemiptera)*Pyroderces stigmatophora* (Lepidoptera)*Ribua innazia* (Lepidoptera)*"Targionia" bromiliae* (Homoptera)

## ANCINETA:

*Vinsonia stellifera* (Homoptera)

## ANEMONE:

*Endrosis lactella* (Lepidoptera)*Nemapogon granella* (Lepidoptera)

## ANNOÑA:

*Aspidiotus destructor* (Homoptera)*Aspidiotus herculeanus* (Homoptera)*Asterolecanium pustulans* (Homoptera)*Setomorpha insectella* (Lepidoptera)*Talponia batesi* (Lepidoptera)



## Hosts and insects—Continued

## ANTHURIUM:

*Chrysomphalus umboniferus* (Homoptera)

## APIUM:

*Anuraphis apiifolia* (Homoptera)

*Pheidole megacephala* (Hymenoptera)

*Psila rosae* (Diptera)

## ARTHROSTYLIDUM:

*Eucalandra setulosa* (Coleoptera)

*Stephanoderes lecontei* (Coleoptera)

## ARTOCARPUS:

*Aspidiotus herculeanus* (Homoptera)

## ARUM:

*Aleurothrix floccosus* (Homoptera)

## ASPASIA: See Orchidaceae

## BAMBOO:

*Amphicerus cornutus* (Coleoptera)

*Asterolecanium bambusae* (Homoptera)

*Cyphosterna bicolor* (Coleoptera)

*Dialeurodes citri* (Homoptera)

*Dinoderus brevis* (Coleoptera)

*Dinoderus ocellaris* (Coleoptera)

*Eucalandra setulosa* (Coleoptera)

*Poronotus constrictus* (Hemiptera)

*Xylobiops parilis* (Coleoptera)

## BEGONIA:

*Endrosia lactella* (Lepidoptera)

## BETA VULGARIS:

*Lygus elisus* (Hemiptera)

*Lygus rubicundus* (Hemiptera)

*Nysius minutus* (Hemiptera)

## BETA VULGARIS CICLA:

*Nysius minutus* (Hemiptera)

*Platynota stultana* (Hemiptera)

## BOUGAINVILLEA:

*Pseudonidia tessera* (Homoptera)

## BRASSAVOLA. See Orchidaceae

## BRASSICA NAPOBRASSICA:

*Ceutorhynchus pleurostigma* (Coleoptera)

*Psylliodes chrysocephala* (Coleoptera)

## BRASSICA OLERACEA ACEPHALA:

*Baris laticollis* (Coleoptera)

## BRASSICA OLERACEA BOTRYTIS:

*Eurydema ornatum* (Hemiptera)

*Evergestis rimosalis* (Lepidoptera)

*Phyllotreta cruciferae* (Coleoptera)

## BRASSICA OLERACEA CAPITATA:

*Aleyrodes brassicae* (?) (Homoptera)

*Barathra brassicae* (Lepidoptera)

*Ceutorhynchus quadridens* (Coleoptera)

*Evergestis forficalis* (Lepidoptera)

*Forficula auricularia* (Dermaptera)

*Phyllotreta cruciferae* (Coleoptera)

*Voria ruralis* (Diptera)

## BRASSICA OLERACEA GONGYLODES:

*Leucopocila albofasciata* (Hemiptera)

## BRASSICA RAPA:

*Baris laticollis* (Coleoptera)

*Ceutorhynchus pleurostigma* (Coleoptera)

*Psylliodes chrysocephala* (Coleoptera)

## BRASSICA SP. (mustard):

*Epilachna varivestis* (Coleoptera)

*Lygus elisus* (Hemiptera)

*Lygus hesperus* (Hemiptera)

*Lygus oblineatus* (Hemiptera)

*Lygus rubicundus* (Hemiptera)

*Nabis alternatus* (Hemiptera)

*Nysius minutus* (Hemiptera)

## BROMELIAD:

*Asterolecanium epidendri* (Homoptera)

## BROSIMUM:

*Kaloterms nigrinus* (Isoptera)

*Platypus rugulosus* (Coleoptera)

## BROUGHTONIA. See Orchidaceae

## BRYOPHYLLUM:

*Pseudoparlatoria ostreata* (Homoptera)

## CACTACEAE:

*Anelaphus spurcus* (Coleoptera)

*Chelinidea vittiger aequoris* (Hemiptera)

*Eriococcus coccineus* (Homoptera)

*Gerstaeckeria mutillaria* (Coleoptera)

*Lepidosaphes philococcus* (Homoptera)

*Marmara opuntella* (Lepidoptera)

*Sireonotus luteiceps* (Hemiptera)

## CAESALPINIA:

*Callosobruchus dominicanus* (Coleoptera)

## CAJANUS:

*Acanthoscelides armitagei* (Coleoptera)

*Ancylostomia stercora* (Lepidoptera)

*Callosobruchus chinensis* (Coleoptera)

*Callosobruchus maculatus* (Coleoptera)

*Callosobruchus phaseoli* (Coleoptera)

*Catorama herbarium* (Coleoptera)

*Corcyra cephalonica* (Lepidoptera)

*Fundella pellucens* (Lepidoptera)

*Heliothis subflexa* (Lepidoptera)

*Maruca testulalis* (Lepidoptera)

*Setomorpha rutella* (Lepidoptera)

*Zabrotes subfasciatus* (Coleoptera)

## CALANTHUS:

*Ptenidium fuscicornne* (Coleoptera)

## CALLUNA:

*Niptus hololeucus* (Coleoptera)

*Taeniothrips atratus* (Thysanoptera)

*Taeniothrips ericae* (Thysanoptera)

## CAMELLIA:

*Parlatoria camelliae* (Homoptera)

## CAPSICUM:

*Arvelius albopunctatus* (Hemiptera)

*Ceratocapsus punctulatus* (Hemiptera)

*Dacus cucurbitae* (Diptera)

*Epilachna varivestis* (Coleoptera)

*Epitrix fasciatus* (Coleoptera)

*Epitochiomeria minima* (Hemiptera)

*Gnorimoschema gudmannella* (Lepidoptera)

*Marcua testulalis* (Lepidoptera)

*Platynota stultana* (Lepidoptera)

*Pyrausta nubilalis* (Lepidoptera)

*Setomorpha rutella* (Lepidoptera)

## CARICA:

*Dacus cucurbitae* (Diptera)

*Pseudoparlatoria ostreata* (Homoptera)

## CASIMIROA:

*Anastrepha ludens* (Diptera)

## CASSIA:

*Aganactes indecora* (Lepidoptera)

*Caryedon fuscus* (Coleoptera)

## CASTANEA:

*Iridomyrmex humilis* (Hymenoptera)

*Laspeyresia splendana* (Lepidoptera)

*Nicobium castaneum hirtum* (Coleoptera)

## CATTELEYA. See Orchidaceae

## CEDRUS:

*Xyleborus confusus* (Coleoptera)

## CEREUS. See Cactaceae

## CHIONODOXA:

*Hofmannophila pseudospretella* (Lepidoptera)

## CHRYSAETHIUM:

*Frankliniella minuta* (Thysanoptera)

*Glyptina nivalis* (Coleoptera)

*Nysius strigosus* (Hemiptera)

*Taeniothrips simplex* (Thysanoptera)

*Zabrotes subfasciatus* (Coleoptera)

## CIBOTIUM:

*Dryophthorus pusillus* (Coleoptera)

## CICER:

*Callosobruchus chinensis* (Coleoptera)

*Callosobruchus maculatus* (Coleoptera)

## CICHORIUM:

*Tanymericus confusus* (Coleoptera)

## CITRUS AURANTIFOLIA:

*Aleurocanthus woglumi* (Homoptera)

*Aleurothrixus floccosus* (Homoptera)

*Anastrepha ludens* (Diptera)

*Ceratitidis capitata* (Diptera)

*Parlatoria cinerea* (Homoptera)

*Parlatoria citri* (Homoptera)

## CITRUS AURANTIUM:

*Anastrepha ludens* (Diptera)

## CITRUS GRANDIS:

*Parlatoria citri* (Homoptera)

## CITRUS LIMON:

*Ceratitidis capitata* (Diptera)

## CITRUS PARADISI:

*Anastrepha fraterculus* (Diptera)

*Anastrepha ludens* (Diptera)

*Ceratitidis capitata* (Diptera)

*Ceroptastes floridensis* (Homoptera)

*Dialeurodes citrifolii* (Homoptera)

*Leucaspis cockerelli* (Homoptera)

*Unaspis citri* (Homoptera)



*Hosts and insects—Continued*

## CITRUS RETICULATA:

*Anastrepha ludens* (Diptera)  
*Ceratitis capitata* (Diptera)  
*Parlatoria zizyphus* (Homoptera)

## CITRUS SINENSIS:

*Anastrepha fraterculus* (?) (Diptera)  
*Anastrepha ludens* (Diptera)  
*Ceratitis capitata* (Diptera)  
*Chionaspis yanonensis* (Homoptera)  
*Gymnandrosoma aurantianum* (?) (Lepidoptera)  
*Leucaspis cockerelli* (Homoptera)  
*Morganella longispina* (Homoptera)  
*Parlatoria cinerea* (Homoptera)  
*Parlatoria zizyphus* (Homoptera)  
*Tetraleurodes mori* (Homoptera)  
*Unaspis citri* (Homoptera)

## CITRUS SP.:

*Aleurocanthus woglumi* (Homoptera)  
*Dialeurodes citrifolii* (Homoptera)  
*Parlatoria zizyphus* (Homoptera)  
*Tetraleurodes mori* (Homoptera)  
*Xylobiops texanus* (Coleoptera)

## COCOS:

*Aonidiella inornata* (Homoptera)  
*Aspidiotus destructor* (Homoptera)  
*Aspidiotus excisus* (Homoptera)  
*Aspidiotus palmarum* (Homoptera)  
*Aspidiotus spinosus* (Homoptera)  
*Chrysomphalus personatus* (Homoptera)  
*Diocalandra taitensis* (Coleoptera)  
*Ereunetis flavistriata* (Lepidoptera)  
*Furcaspis oceanica* (Homoptera)  
*Leucaspis cockerelli* (Homoptera)  
*Phenacaspis sandwicensis* (?) (Homoptera)  
*Pinnaspis buzi* (Homoptera)  
*Pseudococcus palmarum* (Homoptera)

## CODIAEUM:

*Conchaspis angraeci* (Homoptera)  
*Lepidosaphes tokionis* (Homoptera)  
*Parlatoria crotonis* (Homoptera)

## COFFEA:

*Leucoptera coffeella* (Lepidoptera)

## COLOCASIA:

*Psychoda severini* (Diptera)

## CORDIA:

*Bitoma unicolor* (?) (Coleoptera)

## CORNUS:

*Tenthecoris bicolor* (Hemiptera)

## COTONEASTER:

*Ceroplastes floridensis japonicus* (Homoptera)

## CRASSULACEAE:

*Aspidiotus herculeanus* (Homoptera)

## CRATAEGUS:

*Rhagoletis pomonella* (Diptera)

## CROCUS:

*Myzus duffieldii* (Homoptera)

## CUCUMIS:

*Dacus cucurbitae* (Diptera)  
*Diaphania hyalinata* (Lepidoptera)  
*Diaphania nitidalis* (Lepidoptera)

## CUCURBITA:

*Arvelius albopunctatus* (Hemiptera)  
*Dacus cucurbitae* (Diptera)  
*Diaphania hyalinata* (Lepidoptera)  
*Diaphania nitidalis* (Lepidoptera)

## CYBISTAX:

*Acanthoderes circumflexa* (Coleoptera)  
*Aulonum bidentatum* (Coleoptera)  
*Brentus anchorago* (Coleoptera)  
*Brentus mexicanus* (Coleoptera)  
*Coelosternus consputus* (Coleoptera)  
*Platypus rugulosus* (Coleoptera)  
*Sosylus terminalis* (Coleoptera)  
*Vasseletia vasseleti* (Coleoptera)  
*Xyleborus affinis* (Coleoptera)  
*Xyleborus confusus* (Coleoptera)

## CYDONIA:

*Anastrepha ludens* (Diptera)

## CYMBIDIUM. See Orchidaceae

## CYPRIPEDIUM. See Orchidaceae

## CYTISUS:

*Bruchidius villosus* (Coleoptera)

## DAHLIA:

*Amorbia emigratella* (Lepidoptera)  
*Setomorpha rutella* (Lepidoptera)

## DAISY:

*Lygus sallei* (Hemiptera)

## DAPHNE:

*Lathridius nodifer* (Coleoptera)

## DAUCUS:

*Agromyza virens* (Diptera)  
*Conotrachelus seniculus* (Coleoptera)  
*Psila rosae* (Diptera)

## DENDROBIUM. See Orchidaceae

## DIANTHUS:

*Anuraphis helichrysi* (Homoptera)  
*Frankliniella cephalica* (Thysanoptera)  
*Frankliniella insularis* (Thysanoptera)  
*Frankliniella minuta* (Thysanoptera)  
*Haplothrips cottei* (Thysanoptera)  
*Lygus sallei* (Hemiptera)  
*Taeniothrips simplex* (Thysanoptera)

## DIOSCOREA:

*Palaeopus costicollis* (Coleoptera)  
*Setomorpha rutella* (Lepidoptera)  
 "Targionia" hartii (Homoptera)

## DIOSPYROS:

*Parlatoria oleae* (Homoptera)

## DOLICHOS:

*Callosobruchus phaseoli* (Coleoptera)

## EPIDENDRUM. See Orchidaceae

## ERIOBOTRYA:

*Ceratitis capitata* (Diptera)

## ERYTHRINA:

*Specularius erythrinae* (Coleoptera)  
*Xyleborus confusus* (Coleoptera)

## EUGENIA:

*Ceratitis capitata* (Diptera)

## EXOGENIUM:

*Cryphalomorphus jalappae* (Coleoptera)

## FICUS:

*Lepidosaphes ficus* (Homoptera)

## FRAXINUS:

*Leperisinus fraxini* (Coleoptera)

## GALANTHUS:

*Setomorpha rutella* (Lepidoptera)

## GARDENIA:

*Aleurothrixus myrtacei* (Homoptera)  
*Anuraphis helichrysi* (Homoptera)  
*Aonidiella citrina* (Homoptera)  
*Ceroplastes floridensis* (Homoptera)  
*Coccus viridis* (Homoptera)  
*Eucalymnatus tessellatus* (Homoptera)  
*Frankliniella cephalica* (Thysanoptera)  
*Frankliniella insularis* (Thysanoptera)  
*Protopulvinaria pyriformis* (Homoptera)  
*Pulvinaria psidii* (Homoptera)  
*Taeniothrips hawaiiensis* (Thysanoptera)

## GLADIOLUS:

*Atheas fuscipes* (Hemiptera)  
*Collops bipunctatus* (Coleoptera)  
*Estigmene acrea* (Lepidoptera)  
*Frankliniella brailleyi* (Thysanoptera)  
*Frankliniella cephalica* (Thysanoptera)  
*Frankliniella minuta* (Thysanoptera)  
*Haplothrips gowdeyi* (Thysanoptera)  
*Hofmannophila pseudospretella* (Lepidoptera)  
*Lathridius nodifer* (Coleoptera)  
*Prodenia ornithogalli* (Lepidoptera)  
*Rhopalosiphoninus latysiphon* (Homoptera)  
*Rhopalosiphoninus tulipae* (Homoptera)  
*Setomorpha rutella* (Lepidoptera)  
*Taeniothrips simplex* (Thysanoptera)  
*Xyleborus affinis* (Coleoptera)

## GOSSYPIUM:

*Catorama tabaci* (Coleoptera)  
*Conotrachelus seniculus* (Coleoptera)  
*Corcyra cephalonica* (Lepidoptera)  
*Dacne bipustulata* (Coleoptera)  
*Exptochiomeria oblonga* (Hemiptera)  
*Pectinophora gossypiella* (Lepidoptera)  
*Scelopocerus uhleri* (Hemiptera)

## GRAMMATOPHYLLUM. See Orchidaceae

## GUAJACUM:

*Cryptotermes cavifrons* (Isoptera)  
*Kaloterms clevelandi* (Isoptera)  
*Kaloterms jouteli* (Isoptera)  
*Kaloterms snyderi* (Isoptera)  
*Neoclytus cacticus* (Coleoptera)  
*Platypus rugulosus* (Coleoptera)  
*Termes panamaensis* (Isoptera)

## Hosts and insects—Continued

## GYPSOPHILA:

- Anuraphis helichrysi* (Homoptera)
- Caulophilus latinasus* (Coleoptera)

## HELENIUM:

- Hofmannophila pseudospretella* (Lepidoptera)

## HELICONIA:

- Taeniothrips hawaiiensis* (Thysanoptera)

## HIBISCUS:

- Asterolecanium pustulans* (Homoptera)
- Crociosema plebeiana* (Lepidoptera)
- Pectinophora gossypiella* (Lepidoptera)

## HYACINTHUS:

- Eumerus tuberculatus* (Diptera)
- Forficula auricularia* (Dermaptera)
- Hofmannophila pseudospretella* (Lepidoptera)
- Lathridius nodifer* (Coleoptera)

## ILEX:

- Phytomyza ilicis* (Diptera)
- "*Targionia*" *quahogiformis* (Homoptera)

## IPOMOEA:

- Cryphalamorphus jalappae* (Coleoptera)
- Cylas formicarius* (Coleoptera)
- Cylas formicarius elegantulus* (Coleoptera)
- Cylas formicarius formicarius* (Coleoptera)
- Cylas formicarius* (subspecies unknown)
- Euseceps postfasciatus* (Coleoptera)

## IRIS:

- Endrosis lactella* (Lepidoptera)
- Rhopalosiphoninus tulipaellus* (Homoptera)
- Taeniothrips simplex* (Thysanoptera)
- Tychius griseus* (Coleoptera)

## JASMINUM:

- Aonidiella inornata* (Homoptera)

## JUNIPERUS:

- Lepidosaphes pallida* (Homoptera)

## KHAYA:

- Coptotermes sjostedti* (Isoptera)
- Cordylomera spinicornis* (?) (Coleoptera)
- Minthea rugicollis* (Coleoptera)

## LACTUCA:

- Aceratagallia gillettei* (Homoptera)
- Agritis ypsilon* (Lepidoptera)
- Conotrachelus leucophaeus* (Coleoptera)
- Empoasca solana* (Homoptera)
- Frankliniella cephalica* (Thysanoptera)
- Leucopocila albofasciata* (Hemiptera)
- Ligyrocoris abdominalis* (Hemiptera)
- Liorhyssus hyalinus* (Hemiptera)
- Lygus oblineatus* (Hemiptera)
- Nysius minutus* (Hemiptera)
- Sizeonotus areolatus* (Hemiptera)

## LAELIA. See Orchidaceae

## LATHYRUS:

- Bruchus tristis* (Coleoptera)
- Psychoda alternata* (Diptera)

## LAVANDULA:

- Taeniothrips atratus* (Thysanoptera)

## LEGUMINOSAE:

- Callosobruchus maculatus* (Coleoptera)

## LEMAIREOCEREUS. See Cactaceae

## LEPTOSPERMUM:

- Hofmannophila pseudospretella* (Lepidoptera)

## LILIUM:

- Amorbia emigratella* (Lepidoptera)
- Aphis medicaginis* (Homoptera)
- Forcipomyia raleighi* (Diptera)
- Liothrips vaneckei* (Thysanoptera)
- Phyza scabiei* (Diptera)
- Seiomorpha rutella* (Lepidoptera)
- Xylaplothrips subterraneus* (Thysanoptera)

## LITCHEE:

- Lepidosaphes punicea* (Homoptera)

## LYCASTE. See Orchidaceae

## LYCOPERSICON:

- Ceratitus capitata* (Diptera)
- Conotrachelus seniculus* (Coleoptera)
- Dacus cucurbitae* (Diptera)
- Epitrix fasciata* (Coleoptera)
- Epitrix hirtipennis* (Coleoptera)
- Ertiomene acrea* (Lepidoptera)
- Erptochioma oblonga* (Hemiptera)
- Geonothus semilevis* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)
- Leucinodes elegantalis* (Lepidoptera)
- Leucopocila albofasciata* (Hemiptera)
- Ligyrocoris auricilliana* (Hemiptera)

## LYCOPERSICON—Continued

- Lineodes integra* (Lepidoptera)
- Liriomyza pusilla* (Diptera)
- Lygaeus analis* (Hemiptera)
- Pachybrachis uteanus* (Coleoptera)
- Pityophthorus cribratus* (Coleoptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stultana* (Lepidoptera)
- Zabrotes subfasciatus* (Coleoptera)

## MAGNOLIA:

- Endrosis lactella* (Lepidoptera)

## MALUS:

- Anastrepha ludens* (Diptera)
- Ceroplastes floridensis* (Homoptera)
- Ceroplastes rubens* (?) (Homoptera)
- Epidiopsis piricola* (?) (Homoptera)
- Grapholitha molesta* (Lepidoptera)
- Parlatoria chinensis* (Homoptera)
- Parlatoria oleae* (Homoptera)
- Parlatoria theae* (Homoptera)
- Phyllocinus callosus* (Coleoptera)
- Rhagoletis pomonella* (Diptera)

## MAMMEA:

- Anastrepha serpentina* (Diptera)
- Aspidiotus diffinis* (Homoptera)
- Aspidiotus spinosus* (Homoptera)

## MAMMILLARIA. See Cactaceae

## MANGIFERA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraepians* (Diptera)
- Aspidiotus destructor* (Homoptera)
- Aulacaspis mangiferae* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Coccus mangiferae* (Homoptera)
- Dacus dorsalis* (?) (Diptera)
- Sternococcus mangiferae* (Coleoptera)

## MANIHOT:

- Lepidosaphes alba* (Homoptera)

## MAURANDIA:

- Corimelaena incognita* (Hemiptera)

## MAXILLARIA. See Orchidaceae

## MECONOPSIS:

- Hofmannophila pseudospretella* (Lepidoptera)

## MEDICAGO:

- Nysius strigosus* (Hemiptera)

## MENTHA:

- Teleonemia scrupulosa* (Hemiptera)

## MEROSTACHYS:

- Eucalandra setulosa* (Coleoptera)

- Stephanoderes lecontei* (Coleoptera)

## MILTONIA. See Orchidaceae

## MONSTERA:

- Aspidiotus spinosus* (Homoptera)

## MUSA:

- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Vinsonia stellifera* (Homoptera)

## MYRTILLOCACTUS. See Cactaceae

## NARCISSUS:

- Enicmus minutus* (Coleoptera)
- Forficula auricularia* (Dermaptera)
- Sitona lineata* (Coleoptera)

## NERIUM:

- Aphis nerii* (Homoptera)
- Asterolecanium pustulans* (Homoptera)
- Morganella longispina* (Homoptera)

## ODONTODA. See Orchidaceae

## ODONTOGLOSSUM. See Orchidaceae

## OLEA:

- Aleurolobus olivinus* (?) (Homoptera)
- Aonidiella maleti* (Homoptera)
- Dacus oleae* (Diptera)

## OLMEDIELLA:

- Tetraleurodes fici* (Homoptera)

## ONCIDIUM. See Orchidaceae

## OPUNTIA. See Cactaceae

## ORCHIDACEAE:

- Acroleucus vicinalis* (Hemiptera)
- Anaphothrips orchidaceus* (Thysanoptera)
- Anaphothrips orchidii* (Thysanoptera)
- Anuraphis helichrysi* (Homoptera)
- Aphelea inconspicua* (Homoptera)
- Aspidiotus mendax* (Homoptera)

*Hosts and insects—Continued*

## ORCHIDACEAE—Continued

*Aspidiotus palmarum* (Homoptera)  
*Asterolecanium epidendri* (Homoptera)  
*Asterolecanium pustulans* (Homoptera)  
*Atelabus corvinus* (Coleoptera)  
*Calligrapha labyrinthica* (Coleoptera)  
*Calligrapha pantherina* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Capaneus odiosus* (Hemiptera)  
*Capaneus tetricus* (Hemiptera)  
*Ceratocapsus apicalis* (Hemiptera)  
*Chrysomphalus perseae* (Homoptera)  
*Chrysomphalus tenax* (Homoptera)  
*Chrysomphalus umboniferus* (Homoptera)  
*Clerada apicicornis* (Hemiptera)  
*Coccus pseudohesperidum* (Homoptera)  
*Conchaspis angraei* (Homoptera)  
*Coproperus pulchellus* (Coleoptera)  
*Corimelaena alticola* (Hemiptera)  
*Corizidea lonigera* (Hemiptera)  
*Crochius scabrosus* (Hemiptera)  
*Cryphula affinis* (Hemiptera)  
*Cryphula trimaculata* (Hemiptera)  
*Diorymerellus laevimargo* (Coleoptera)  
*Elytroteinus subtruncatus* (Coleoptera)  
*Enicmus minutus* (Coleoptera)  
*Epilachna varivestis* (Coleoptera)  
*Epilachna varivestis varipes* (Coleoptera)  
*Eucactophagus aurocinctus* (Coleoptera)  
*Eurycippia vestitus* (Hemiptera)  
*Eurytoma orchidearum* (Hymenoptera)  
*Exitianus obscurinervis* (Homoptera)  
*Erptochiomeria minima* (Hemiptera)  
*Erptochiomeria oblonga* (Hemiptera)  
*Erptochiomeria tumens* (Hemiptera)  
*Frankliniella minuta* (Thysanoptera)  
*Fulvius fuscans* (Hemiptera)  
*Furcaspis biformis* (Homoptera)  
*Galgupha caerulea* (Hemiptera)  
*Galgupha punctifer* (Hemiptera)  
*Iridomyrmex iniquus* (Hymenoptera)  
*Iridomyrmex iniquus nigella* (Hymenoptera)  
*Lathridius nodifer* (Coleoptera)  
*Lema quinquenotata* (Coleoptera)  
*Lepidosaphes tuberculata* (Homoptera)  
*Leucaspis cockerelli* (Homoptera)  
*Ligyrocoris litigiosus* (Hemiptera)  
*Lygaeus vittiscutis* (Hemiptera)  
*Macrocephalus stali* (Hemiptera)  
*Minthea rugicollis* (Coleoptera)  
*Mordellistena cattlejana* (Coleoptera)  
*Mormidea collaris* (Hemiptera)  
*Mormidea notulata* (Hemiptera)  
*Myodocha longicollis* (Hemiptera)  
*Nabis dentipes* (Hemiptera)  
*Nasutitermes nigriceps* (Isoptera)  
*Neofurius carvalhoi* (Hemiptera)  
*Oedionychis atroguttata* (Coleoptera)  
*Ogdocoesta catenulata* (Coleoptera)  
*Oosternum costatum* (Coleoptera)  
*Orectis rugosa* (Coleoptera)  
*Ozophora consanguineus* (Hemiptera)  
*Pachybrachius basalis* (Hemiptera)  
*Pachybrachius servillei* (Hemiptera)  
*Pachygrontha oedanealodes* (Hemiptera)  
*Paragnathus divergens* (Hemiptera)  
*Parallelodiplosis cattlejae* (Diptera)  
*Parlatoria pseudaspidiotus* (Homoptera)  
*Phaedrias maxima* (Coleoptera)  
*Physonota mexicana* (Coleoptera)  
*Pinaspis buzi* (Homoptera)  
*Plagioderia aeneiventris* (Coleoptera)  
*Plagioderia semivittata* (Coleoptera)  
*Poronotus constrictus* (Hemiptera)  
*Prosopodonta balyi* (Coleoptera)  
*Pseudanomia tessellata* (Homoptera)  
*Pseudischinaspis alienus* (Homoptera)  
*Pseudoparlatoria ostreata* (Homoptera)  
*Ptinus ocellus* (Coleoptera)  
*Scaphidium mexicanum* (Coleoptera)  
*Scaphidium variabile* (Coleoptera)  
*Setomorpha rutella* (Lepidoptera)  
*Stenotaraxus globosus* (Coleoptera)  
*Tenthecoris bicolor* (Hemiptera)  
*Tenthecoris eritosus* (Hemiptera)

## ORCHIDACEAE—Continued

*Trochoideus americanus* (Coleoptera)  
*Vinsonia stellifera* (Homoptera)  
*Zabrotes subfasciatus* (Coleoptera)  
 ORNITHOPUS:  
*Sitona cambricus* (Coleoptera)  
 ORYZA:  
*Amphicerus cornutus* (Coleoptera)  
*Callidium rufipenne* (Coleoptera)  
*Chilo simplex* (Lepidoptera)  
*Enicmus minutus* (Coleoptera)  
*Lophocaretes pusillus* (Coleoptera)  
*Minthea rugicollis* (Coleoptera)  
*Sinaxylon anale* (Coleoptera)

## PALM:

*Aleurotrachelus trachoides* (Homoptera)  
*Aspidiotus destructor* (Homoptera)  
*Aspidiotus palmarum* (Homoptera)  
*Xylobiops tezanus* (Coleoptera)

## PARMENTIERA:

*Bonchis munitalis* (Lepidoptera)

## PELAGORIONUM:

*Phenacoccus gossypii* (Homoptera)

## PERISTERIA. See Orchidaceae

## PERSEA:

*Anastrepha ludens* (Diptera)  
*Ceratitis capitata* (Diptera)  
*Conotrachelus aguacatae* (Coleoptera)  
*Conotrachelus perseae* (Coleoptera)  
*Dacus cucurbitae* (Diptera)  
*Hermelia illucens* (Diptera)  
*Sienoma catenifer* (Lepidoptera)  
*Zabrotes subfasciatus* (Coleoptera)

## PHASEOLUS:

*Acanthoscelides obvelatus* (Coleoptera)  
*Agromyza virens* (Diptera)  
*Callosobruchus chinensis* (Coleoptera)  
*Dacus cucurbitae* (Diptera)  
*Epinotia opposita* (Lepidoptera)  
*Lophocaretes pusillus* (Coleoptera)  
*Maruca testualis* (Lepidoptera)  
*Platynota stultana* (Lepidoptera)  
*Zabrotes subfasciatus* (Coleoptera)

## PHOENIX:

*Myelois ceratoniae* (Lepidoptera)

## PHRAGMITES:

*Chilo phragmitellus* (?) (Lepidoptera)  
*Dinoderus brevis* (Coleoptera)

## PHRAGMOPEDILUM. See Orchidaceae

## PHYSALIS:

*Epitrix cucumeris* (Coleoptera)  
*Gnorimoschema lavernella* (Lepidoptera)  
*Heliothis subflexa* (Lepidoptera)  
*Rhagoletis striatella* (Diptera)  
*Trichobaris championi* (Coleoptera)

## PHYTELEPHAS:

*Coccytypes dactyliperda* (Coleoptera)

## PICEA:

*Ernobius abietis* (Coleoptera)

## PINUS:

*Aspidiotus corticis-pini* (Homoptera)  
*Callidium rufipenne* (Coleoptera)  
*Dichrocrocis punctiferalis* (Lepidoptera)  
*Ernobius punctulatus* (Coleoptera)  
*Erptochiomeria oblonga* (Hemiptera)  
*Frankliniella moultoni* (Thysanoptera)  
*Hylurgops palliatus* (Coleoptera)  
*Pityophthorus cribratus* (Coleoptera)  
*Pityophthorus durus* (Coleoptera)  
*"Poliaspis" pini* (Homoptera)  
*Xylobiops tezanus* (Coleoptera)

## PISUM:

*Stegasta bosquella* (Lepidoptera)

## PLEUROTHALLIS. See Orchidaceae

## POLIANTHES:

*Aphis medicaginis* (Homoptera)  
*Dysdercus minutus* (Hemiptera)  
*Frankliniella bratleyi* (Thysanoptera)  
*Frankliniella cephalica* (Thysanoptera)  
*Haplothrips gowdeyi* (Thysanoptera)

## PORTULACA:

*Heliodines bella* (Lepidoptera)  
*Nysius minutus* (Hemiptera)

## PRIMULA:

*Brachyrhinus singularis* (Coleoptera)



## Hosts and insects—Continued

## PROSOPIS:

- Acanthoscelides ceratioborus* (Coleoptera)
- Algarobius prosopis* (Coleoptera)
- Amphicerus cornutus* (Coleoptera)
- Micrapate dinoderoides* (Coleoptera)

## PRUNUS DOMESTICA:

- Anastrepha mombinpraeoptans* (Diptera)

## PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
- Grapholitha molesta* (Diptera)

## PRUNUS SP.:

- Parlatoria theae* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)

## PSIDIUM:

- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeoptans* (Diptera)
- Anastrepha striata* (?) (Diptera)
- Anastrepha suspensa* (Diptera)
- Pseudischiaspis boureyi* (Homoptera)
- Pulvinaria psidii* (Homoptera)
- Tetraleurodes mori* (Homoptera)

## PUNICA:

- Anastrepha ludens* (Diptera)

## PYRUS:

- Anastrepha ludens* (Diptera)
- Parlatoria oleae* (Homoptera)

## QUERCUS:

- Conotrachelus integer* (Coleoptera)
- Curculio q-griseae* (Coleoptera)

## RANUNCULUS:

- Thrips angusticeps* (Thysanoptera)

## RAPHANUS:

- Lygus elisus* (Hemiptera)
- Lygus rubicundus* (Hemiptera)
- Nysius minutus* (Hemiptera)

## RHODODENDRON:

- Dialeurodes chittendeni* (Homoptera)
- Gracilaria azaleella* (Lepidoptera)

## RORIPPA:

- Evergestis rimosalis* (Lepidoptera)
- Lygus oblineatus* (Hemiptera)

## ROSA:

- Allantus cinctus* (Hymenoptera)
- Athea nigricornis* (Hemiptera)
- Chirothrips manicatus* (Thysanoptera)
- Chrysomphalus personatus* (Homoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Frankliniella cephalica* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Holosternus distans* (Coleoptera)
- Jornandes intermedius* (Hemiptera)
- Protopulvinaria pyriformis* (Homoptera)
- Pseudischiaspis boureyi* (Homoptera)

## SACCHARUM:

- Celama sorghiella* (Lepidoptera)
- Diatraea lineolata* (Lepidoptera)
- Diatraea saccharalis* (Lepidoptera)
- Pseudococcus boninsis* (Homoptera)
- Targionia sacchari* (Homoptera)

## SAMANEA:

- Colobicus parilis* (Coleoptera)
- Sinoxylon conigerum* (Coleoptera)

## SANCHEZIA:

- Protopulvinaria pyriformis* (Homoptera)

## SAPOTE:

- Anastrepha ludens* (Diptera)

## SCILLA:

- Forficula auricularia* (Dermaptera)

## SEBASTIANIA:

- Grapholitha salitans* (Lepidoptera)

## SECHIUM:

- Clepsis peritana* (Lepidoptera)
- Diaphania nitidalis* (Lepidoptera)

## SEDUM:

- Orthezia cataphracta* (Homoptera)

## SERJANIA:

- Dinoderus bifoveolatus* (Coleoptera)

## SOIL:

- Adelphocoris lineolatus* (Hemiptera)
- Agriotes lineatus* (Coleoptera)
- Apion pisi* (Coleoptera)
- Brachyrhinus rugifrons* (Coleoptera)
- Calophodes haemoptera* (Coleoptera)
- Ctenicera aceripennis* (Coleoptera)
- Forficula auricularia* (Dermaptera)

## SOIL—Continued

- Oxythyrea funesta* (Coleoptera)
- Pantomorus godmani* (Coleoptera)
- Pentodon punctatus* (Coleoptera)
- Scarabaeus semipunctatus* (Coleoptera)

## SOLANUM MELONGENA:

- Leucinodes elegantalis* (Lepidoptera)
- Trichobaris mucorea* (Coleoptera)

## SOLANUM TUBEROSUM:

- Epicaerus cognatus* (Coleoptera) \*
- Glyphonys praecox* (Coleoptera)
- Gnorimoschema plaesiosema* (Lepidoptera)
- Psychoda severini* (Diptera)
- Setomorpha rutella* (Lepidoptera)

## SOLANUM SP.:

- Corcyra cephalonica* (Lepidoptera)

## SOPHRONITIS. See Orchidaceae

## SORBUS:

- Argyresthia conjugella* (Lepidoptera)
- Taeniothrips atratus* (Thysanoptera)

## SORGHUM:

- Celama sorghiella* (Lepidoptera)
- Corcyra cephalonica* (Lepidoptera)

## SPINACIA:

- Nysius minutus* (Hemiptera)

## SPONDIAS:

- Anastrepha mombinpraeoptans* (Diptera)
- Aspidiotus herculeanus* (Homoptera)

## SWIETENIA:

- Brentus anchorago* (Coleoptera)
- Hypsipyla grandella* (Lepidoptera)

## SYRINGA:

- Brachyrhinus sulcatus* (Coleoptera)

## TAGETES:

- Eucnecerus anthrenoides* (Coleoptera)

## TAMARINDUS:

- Caryedon fuscus* (Coleoptera)

## THELOCACTUS. See Cactaceae

## THEOBROMA:

- Aspidiotus herculeanus* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

## THEVETIA:

- Tetraleurodes mori* (Homoptera)

## TIGRIDIA:

- Rhopalosiphoninus tulipaeillus* (Homoptera)

## TRIGONIDIUM. See Orchidaceae

## TRITICUM:

- Anthonomus zeravla* (Lepidoptera)
- Chilo simplex* (Lepidoptera)
- Enicmus minutus* (Coleoptera)

## TULIPA:

- Endrosis lactella* (Lepidoptera)
- Forficula auricularia* (Dermaptera)
- Hofmannophila pseudospretella* (Lepidoptera)
- Nemagopon granella* (Lepidoptera)
- Rhopalosiphoninus latysiphon* (Homoptera)
- Rhopalosiphoninus tulipaeillus* (Homoptera)

## VANDA. See Orchidaceae

## VICIA:

- Bruchus guttalis* (?) (Coleoptera)
- Bruchus luteicornis* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)

## VIOLA:

- Rhopalosiphoninus latysiphon* (Homoptera)

## VITIS:

- Blissus richardsoni* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Leptoglossus chilensis* (Hemiptera)
- Microtheca ochroloma* (Coleoptera)
- Phlyctinus callosus* (Coleoptera)

## XANTHOSOMA:

- "Targionia" hartii* (Homoptera)

## ZANTEDESCHIA:

- Nysius calliger* (Hemiptera)

## ZEA:

- Chaetopsis fulvifrons* (Diptera)
- Eumecosomyia nubila* (Diptera)
- Evergestis rimosalis* (Lepidoptera)
- Exptochiomera oblonga* (Hemiptera)
- Leptipsius striatus* (Coleoptera)
- Lophocateres pusillus* (Coleoptera)
- Moodna bisinuella* (Lepidoptera)
- Peregrinus maidis* (Homoptera)
- Stephanoderes lecontei* (Coleoptera)
- Tychius inermis* (Coleoptera)
- Xylotiops tezanus* (Coleoptera)



*Hosts and insects—Continued*

## ZEA—Continued

*Xylomeira torquata* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)

## ZINGIBER:

*Minthea rugicollis* (Coleoptera)  
 "Targionia" hartii (Homoptera)

*Hosts unknown*

## AIRPLANE:

*Ceratitis capitata* (Diptera)  
*Pachybrachius vinctus* (Hemiptera)

## BAY(?):

*Vinsonia stellifera* (Homoptera)

## BEAN:

*Acanthoscelides obvelatus* (Coleoptera)  
*Callosobruchus chinensis* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Stephanoderes guatemalensis* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)

## BULB:

*Hofmannophila pseudopretella* (Lepidoptera)

## CANE:

*Anacrinus deplanatus* (Coleoptera)

## CEREAL STRAW:

*Nicobium castaneum* (Coleoptera)

## CLOTHING:

*Forficula auricularia* (Dermaptera)

## CUTTING:

*Dialeurodes kirkaldyi* (Homoptera)

## EMPTY BOX CAR:

*Anastrepha ludens* (Diptera)

## FLOWERS:

*Anuraphis helichrysi* (Homoptera)  
*Homocosoma electellum* (Lepidoptera)  
*Neokolla heteroglyphica* (Homoptera)

## FOREST LITTER:

*Dinoderus bifoveolatus* (Coleoptera)

## GRASS:

*Anomala dubia* (Coleoptera)  
*Asterolecanium pseudomiliaris* (Homoptera)  
*Lathridius bergrothi* (Coleoptera)  
*Macrocoma aureovillosa* (Coleoptera)  
*Minthea rugicollis* (Coleoptera)  
*Placosternus difficilis* (Coleoptera)

## HAY:

*Enicmus minutus* (Coleoptera)  
*Hofmannophila pseudopretella* (Lepidoptera)  
*Lathridius bergrothi* (Coleoptera)

## HERB:

*Crophius scabrosus* (Hemiptera)  
*Dacne picta* (Coleoptera)  
*Setomorphia rutella* (Lepidoptera)  
*Tetraleurodes mori* (Homoptera)

## LEAF:

*Aonidiella citrina* (Homoptera)  
*Aspidiotus herculeanus* (Homoptera)  
*Aspidiotus palmarum* (Homoptera)  
*Bemisia inconspicua* (Homoptera)  
*Ceroplastes rubens* (Homoptera)  
*Chrysomphalus albipictus* (Homoptera)  
*Chrysomphalus personatus* (Homoptera)  
*Chrysomphalus portoricensis* (Homoptera)

## LEAF—Continued

*Coccus mangiferae* (Homoptera)  
*Dialeurodes citri* (Homoptera)  
*Dolichocysta venusta* (Hemiptera)

## MERCHANDISE CONTAINING SEED POD:

*Caryedon fuscus* (Coleoptera)

## MIXED GRAIN:

*Callosobruchus chinensis* (Coleoptera)

## MOSS PACKING:

*Barypeithes araneiformis* (Coleoptera)

## PLANT:

*Exoptochioma minima* (Hemiptera)  
*Psychoda alternata* (Diptera)

## POTTERY:

*Renocis mexicanus* (Coleoptera)

## SEED:

*Callosobruchus maculatus* (Coleoptera)  
*Ereunetis minuscula* (Lepidoptera)

## SHRUB:

*Dialeurodes kirkaldyi* (Homoptera)

## STRAW HAT:

*Dinoderus brevis* (Coleoptera)  
*Dinoderus ocellaris* (Coleoptera)  
*Poronotus constrictus* (Hemiptera)

## SUCCULENT:

*Pseudoparlatoria serrulata* (Homoptera)

## SUGAR:

*Diatraea saccharalis* (Lepidoptera)

## WOOD:

*Agrilus sulcatulus* (Coleoptera)  
*Amphicerus cornutus* (Coleoptera)  
*Battus philenor* (Lepidoptera)  
*Brentus anchorago* (Coleoptera)  
*Brentus mexicanus* (Coleoptera)  
*Clerada apicicornis* (Hemiptera)  
*Coelosternus consputus* (Coleoptera)  
*Dinoderus bifoveolatus* (Coleoptera)  
*Dinoderus brevis* (Coleoptera)  
*Dysides obscurus* (Coleoptera)  
*Heterarthron plicatum* (Coleoptera)  
*Heterobostrychus aequalis* (Coleoptera)  
*Hypsipyla grandella* (Lepidoptera)  
*Lamprodema maurum* (Hemiptera)  
*Lophocateres pusillus* (Coleoptera)  
*Minthea rugicollis* (Coleoptera)  
*Neodryocetes exquisitus* (Coleoptera)  
*Pityophthorus cribratus* (Coleoptera)  
*Platypus rugulosus* (Coleoptera)  
*Renocis mexicanus* (Coleoptera)  
*Rhopalophora incrustata* (Coleoptera)  
*Sinoxylon anale* (Coleoptera)  
*Sinoxylon sedentatum* (Coleoptera)  
*Tetrapriocera longicornis* (Coleoptera)  
*Trogoxylon spinifrons* (Coleoptera)  
*Xyleborus confusus* (Coleoptera)

*Countries of origin and insects*

## ADMIRALTY ISLAND:

*Aonidiella inornata*  
*Furcaspis oceanica*

## ALGERIA:

*Ceratitis capitata*  
*Lepidosaphes ficus*  
*Orythya funesta*  
*Parlatoria zizyphi*  
*Scarabaeus semipunctatus*

## AMERICAN VIRGIN ISLANDS:

*Ancylostoma stercora*  
*Anastrepha monbinpraeoptans*  
*Asterolecanium pustulans*

## ANTIGUA:

*Ceroplastes rubens*  
 "Targionia" hartii

## ARGENTINA:

*Aspidiotus destructor*  
*Blissus richardsoni*  
*Microthea ochroloma*

## ARGENTINA—Continued

*Parlatoria oleae*  
*Pectinophora gossypiella*  
*Taeniothrips simplex*

## ARUBA:

*Callosobruchus maculatus*

## ASIA:

*Dinoderus ocellaris*

## AUSTRALIA:

*Morganella longispina*  
*Setomorphia rutella*

## AZORES:

*Baris laticollis*  
*Bruchus luteicornis*  
*Nicobium castaneum*  
*Pantomorus godmani*

## BAHAMAS:

*Aphis nerii*  
*Asterolecanium pustulans*  
*Callosobruchus chinensis*

## Countries of origin and insects—Continued

## BAHAMAS—Continued

*Ceroplastes floridensis*  
*Cylas formicarius elegantulus*  
*Morganella longispina*  
*Pectinophora gossypiella*

## BARBADOS:

*Callosobruchus maculatus*  
*Corcyra cephalonica*  
*Setomorpha rutella*  
*"Targionia" hartii*

## BELGIUM:

*Barathra brassicae*  
*Evergestis forficatis*  
*Gracilaria azaleella*  
*Laspeyresia splendana*  
*Phyllobius pyri*  
*Rhopalosiphoninus tulipae*

## BERMUDA:

*Aphis medicaginis*  
*Aspidiotus spinosus*  
*Ceratitis capitata*  
*Necobium castaneum hirtum*

## BRAZIL:

*Anastrepha fraterculus*  
*Asterolecanium epidendri*  
*Barathra brassicae*  
*Corcyra cephalonica*  
*Cylas formicarius* (probably *elegantulus*)  
*Diaphania nitidalis*  
*Dinoderus bifoveolatus*  
*Eurytoma orchidearum*  
*Euscapes postfasciatus*  
*Gymnandrosoma aurantianum* (?)  
*Lophocateres pusillus*  
*Mordellistena cattleyana*  
*Parlatoria cinerea*  
*Pectinophora gossypiella*  
*Tenthecoris bicolor*  
*Zabrotes subfasciatus*

## BRITISH COLUMBIA:

*Brachyrhinus singularis*  
*Ctenicera aereipennis*  
*Frankliniella moultoni*  
*Phytomyza ilicis*

## BRITISH GUIANA:

*Coccus mangiferae*  
*Pseudaonidia trilobitiformis*

## BRITISH HONDURAS:

*Setomorpha insectella*

## CANADA:

*Ernobius punctulatus*  
*Taeniothrips atratus*  
*Taeniothrips simplex*  
*Trialeurodes vaporariorum*

## CANAL ZONE:

*Acanthoscelides armitagei*  
*Agromyza virens*  
*Aspidiotus destructor*  
*Asterolecanium epidendri*  
*Chrysomphalus tenax*  
*Chrysomphalus umboniferus*  
*Diaphania nitidalis*  
*Epinotia opposita*  
*Furcaspis biformis*  
*Galgupha punctifer*  
*Paragonatas divergens*  
*Parlatoria pseudaspidiotus*  
*Vinsonia stellifera*  
*Xyleborus confusus*

## CEYLON:

*Furcaspis biformis*

## CHILE:

*Acanthoscelides ceratioborus*  
*Gnorimoschema plaesiosema*  
*Leptoglossus chilensis*

## CHINA:

*Anthonoma zeraula*  
*Callosobruchus chinensis*  
*Chilo simplex*  
*Chionaspis yanonensis*  
*Cylas formicarius elegantulus*  
*Cylas formicarius* (subspecies unknown)  
*Nemapogon granella*  
*Parlatoria zizyphus*  
*Pectinophora gossypiella*

## COLOMBIA:

*Aspidiotus destructor*  
*Aspidiotus diffinis*  
*Aspidiotus palmarum*  
*Asterolecanium epidendri*  
*Chrysomphalus tenax*  
*Clerada apicicornis*  
*Coccus viridis*  
*Coproporus pulchellus*  
*Cryphula affinis*  
*Cylas formicarius elegantulus*  
*Diatraea lineolata*  
*Eurytoma orchidearum*  
*Exptochioma minima*  
*Furcaspis biformis*  
*Iridomyrmex iniquus*  
*Iridomyrmex iniquus nigella*  
*Lathridius nodifer*  
*Lophocateres pusillus*  
*Mimosastes dominicanus*  
*Mordellistena cattleyana*  
*Pseudaonidia tessarata*  
*Setomorpha rutella*  
*Tenthecoris bicolor*  
*Tenthecoris exilis*  
*Trochoideus americanus*

## COSTA RICA:

*Anaphothrips orchidaceus*  
*Aspidiotus destructor*  
*Aspidiotus palmarum*  
*Asterolecanium epidendri*  
*Ceroplastes floridensis*  
*Coccus viridis*  
*Eucactophagus aurocinctus*  
*Eurytoma orchidearum*  
*Exptochioma minima*  
*Frankliniella minuta*  
*Furcaspis biformis*  
*Iridomyrmex iniquus nigella*  
*Prosopodonta balyi*  
*Protopulvinaria pyriformis*  
*Pseudischaspis alienus*  
*Pinus ocellus*  
*Pulvinaria psidii*  
*Unaspis citri*  
*Vinsonia stellifera*

## CUBA:

*Anastrepha mombinpraeoptans*  
*Aphis nerii*  
*Aspidiotus destructor*  
*Asterolecanium bambusae*  
*Bitoma unicolor* (?)  
*Catorama tabaci*  
*Coccus viridis*  
*Crocosema plebeiana*  
*Cylas formicarius elegantulus*  
*Diatraea saccharalis*  
*Ereunetes minuscula*  
*Frankliniella insularis*  
*Gnorimoschema gudmannella*  
*Lepidosaphes alba*  
*Ligyrocorys abdominalis*  
*Pachybrachius basalis*  
*Pectinophora gossypiella*  
*Protopulvinaria pyriformis*  
*Pseudococcus boninensis*  
*Pseudoparlatoria ostreata*  
*Pulvinaria psidii*  
*Pyroderes stigmaphora*  
*Ribua innotia*  
*Targionia hartii*  
*Targionia sacchari*  
*Tetrapriocera longicornis*  
*Unaspis citri*

## CURACAO:

*Callosobruchus maculatus*  
*Cylas formicarius elegantulus*  
*Zabrotes subfasciatus*

## DOMINICAN REPUBLIC:

*Anastrepha mombinpraeoptans*  
*Anastrepha suspensa*  
*Ancylostoma stercora*  
*Callosobruchus chinensis*  
*Coccus viridis*  
*Cylas formicarius elegantulus*

## Countries of origin and insects—Continued

## DOMINICAN REPUBLIC—Continued

*Mimosestes dominicanus*  
*Unaspis citri*  
*Vinsonia stellifera*  
*Xyleborus confusus*

## DUTCH GUIANA:

*Aleurothrixus floccosus*

## EAST AFRICA:

*Macrocoma aureovillosa*

## ECUADOR:

*Coccotrypes dactyliperda*

## EGYPT:

*Anuraphis apiifolia*  
*Pectinophora gossypiella*

## ENGLAND:

*Agriotes lineatus*  
*Aleyrodes brassicae* (?)  
*Anaphothrips orchidaceus*  
*Anaphothrips orchidii*  
*Baris laticollis*  
*Barypeuthes araneiformis*  
*Bruchidius villosus*  
*Ceutorhynchus pleurostigma*  
*Ceutorhynchus quadridens*  
*Dialeurodes chittendeni*  
*Endrosis lactella*  
*Forficula auricularia*  
*Laspeyresia splendana*  
*Lepersinus frazini*  
*Lepidosaphes tuberculata*  
*Phyllotreta cruciferae*  
*Psila rosae*  
*Psychoda severini*  
*Psylliodes chrysocephala*  
*Ptenidium fuscicorne*  
*Rhopalosiphoninus latysiphon*  
*Rhopalosiphoninus tulipaellus*  
*Taeniothrips ericae*

## ENIWETOK ISLAND:

*Furcaspis oceanica*

## FRANCE:

*Evergestis forficatis*  
*Liothrips vaneeckei*  
*Thrips angusticeps*  
*Xylaplothrips subterraneus*

## GERMANY:

*Bruchus guttalis* (?)

## GOLD COAST:

*Coptotermes sjostedti modica*  
*Cordylomera spinicornis* (?)

## GREECE:

*Haplothrips cottei*

## GREENLAND:

*Orthezia cataphracta*

## GRENADA:

*Callosobruchus phaseoli*  
*Furcaspis biformis*  
*Selenothrips rubrocinctus*

## GUAM:

*Aspidiotus destructor*  
*Dialeurodes kirkaldyi*

## GUATEMALA:

*Acanthoderes circumflexa*  
*Acanthoscelides obvelatus*  
*Aleurothrixus myrtacei*  
*Anaphothrips orchidaceus*  
*Anastrepha ludens*  
*Anastrepha mombinpraeoptans*  
*Aspidiotus destructor*  
*Aspidiotus mendax*  
*Aspidiotus palmae*  
*Asterolecanium epidendri*  
*Aulonium bidentatum*  
*Brentus anchorago*  
*Brentus mexicanus*  
*Chrysomphalus perseae*  
*Chrysomphalus tenax*  
*Chrysomphalus umboniferus*  
*Coccus pseudohesperidum*  
*Conotrachelus perseae*  
*Cryptotermes cavifrons*  
*Diorymerellus laevimargo*  
*Eurycipitia vestitus*  
*Eurytoma orchidearum*  
*Exptochioma minima*

## GUATEMALA—Continued

*Fulvius fuscans*  
*Iridomyrmex iniquus nigella*  
*Kaloterms clevelandi*  
*Kaloterms nigrilus*  
*Kaloterms snyderi*  
*Ligyrocoris litiginosus*  
*Lygaeus vitticollis*  
*Minthea rugicollis*  
*Neoclytus cacticus*  
*Platypus rugulosus*  
*Pseudischinaspis alienus*  
*Pseudoparlatoria ostreata*  
*Scaphidium variabile*  
*Sosylus terminalis*  
*Stenoma catenifer*  
*Tetraleurodes fici*  
*Xyleborus confusus*  
*Zabrotes subfasciatus*

## HAITI:

*Anastrepha mombinpraeoptans*  
*Callosobruchus phaseoli*  
*Dialeurodes citrifolii*  
*Targionia sacchari*

## HAWAII:

*Aonidiella inornata*  
*Aspidiotus spinosus*  
*Asterolecanium bambusae*  
*Asterolecanium pustulans*  
*Callosobruchus maculatus*  
*Caryedon fuscus*  
*Ceratitis capitata*  
*Coccus viridis*  
*Colobicus parilis*  
*Cylas formicarius elegantulus*  
*Dacus cucurbitae*  
*Dacus dorsalis* (?)  
*Diocalandra taiensis*  
*Dryophthorus pusillus*  
*Ereumetis flavistriata*  
*Euscepes postfasciatus*  
*Furcaspis biformis*  
*Hermetia illucens*  
*Lepidosaphes tokionis*  
*Leucaspis cockerelli*  
*Marcia testulalis*  
*Pectinophora gossypiella*  
*Phenacaspis sandwicensis*  
*Pinnaspis buxi*  
*Pseudococcus palmarum*  
*Sinozylon conigerum*  
*Sternonchetus mangiferae*  
*Taeniothrips hawaiiensis*

## HONDURAS:

*Anastrepha mombinpraeoptans* (?)  
*Anastrepha striata* (?)  
*Eurycipitia vestitus*  
*Lepidosaphes punicea*  
*Stephanoderes guatemalensis*

## INDIA:

*Callosobruchus chinensis*  
*Caryedon fuscus*  
*Ceratitis capitata*  
*Cylas formicarius*  
*Cylas formicarius formicarius*  
*Dinoderus brevis*  
*Heterobostrychus aequalis*  
*Lepidosaphes tuberculata*  
*Lophocateres pusillus*  
*Minthea rugicollis*  
*Parlatoria pseudaspidiotus*  
*Sinozylon anale*  
*Trogoxylon spinifrons*

## IRELAND:

*Anaphothrips orchidaceus*  
*Brachyrhinus rugifrons*  
*Hofmannophila pseudospretella*

## ITALY:

*Adelphocoris lineolatus*  
*Anomala dubia*  
*Apion pisi*  
*Bruchus tristis*  
*Ceratitis capitata*  
*Colaphodes haemoptera*  
*Dacus oleae*



## Countries of origin and insects—Continued

## ITALY—Continued

*Eurydema ornatum*  
*Laspeyresia splendana*  
*Parlatoria oleae*  
*Pentodon punctatus*  
*Phyllotreta cruciferae*

## JAMAICA:

*Anastrepha mombinpraeoptans*  
*Aspidiotus herculeanus*  
*Asterolecanium epidendri*  
*Callosobruchus chinensis*  
*Callosobruchus maculatus*  
*Callosobruchus phaseoli*  
*Caryedon fuscus*  
*Catorama herbarium*  
*Cylas formicarius elegantulus*  
*Leucaspis cockerelli*  
*Palaeopus costicollis*  
*Parlatoria crontonis*  
*Pseudoparlatoria ostreata*  
*Setomorpha rutella*  
*Targionia hartii*  
*Unaspis citri*  
*Vinsonia stellifera*

## JAPAN:

*Aspidiotus corticis-pini*  
*Callidium rufipenne*  
*Ceroplastes floridensis*  
*Ceroplastes floridensis japonicus*  
*Ceroplastes rubens* (?)  
*Chilo simplex*  
*Dichocrocis punctiferalis*  
*Lepidosaphes pallida*  
*Lepidosaphes tuberculata*  
*Parlatoria chinensis*  
*Parlatoria theae*  
*"Poliaspis" pini*

## KENYA COLONY:

*Corcya cephalonica*

## MALAYSIA:

*Parlatoria citri*

## MARQUESAS ISLANDS:

*Aspidiotus destructor*

*Parlatoria cinerea*

## MARSHALL ISLANDS:

*Furcaspis oceanica*

## MEXICO:

*Acanthoscelides obvelatus*  
*Aceratagallia gillettei*  
*Aceria tulipae*  
*Acroleucus ricinialis*  
*Agallissus lepturoides*  
*Agrilus sulcatus*  
*Agromyza virens*  
*Agrotis ypsilon*  
*Aleurocanthus woglumi*  
*Aleurothrix floccosus*  
*Aleurothrix myrtacei*  
*Aleurotrachelus trachoides*  
*Algarobius prosopis*  
*Alpheias conspirata*  
*Amorbia emigratella*  
*Amphicerus cornutus*  
*Anacentrinus deplanatus*  
*Anaphothrips orchidaceus*  
*Anastrepha ludens*  
*Anastrepha mombinpraeoptans*  
*Anastrepha serpentina*  
*Anelaphus spurcus*  
*Anuraphis helichrysi*  
*Aonidiella citrina*  
*Aphetea inconspicua*  
*Aphis medicaginis*  
*Arvelius albopunctatus*  
*Aspidiotus herculeanus*  
*Atheas fuscipes*  
*Atheas nigricornis*  
*Attelabus corvinus*  
*Battus philenor*  
*Bitoma brevipennis*  
*Bonchis mundialis*  
*Brentus anchorago*  
*Brentus mexicanus*  
*Calligrapha labyrinthica*  
*Calligrapha pantherina*  
*Callosobruchus maculatus*

## MEXICO—Continued

*Capaneus odiosus*  
*Capaneus tetricus*  
*Caulophilus latinasus*  
*Celama sorghicola*  
*Ceratocapsus apicalis*  
*Ceratocapsus punctulatus*  
*Chaetopsis debilis*  
*Chaetopsis fulvifrons*  
*Chelinidea vittiger aequoris*  
*Chrysomphalus albopictus*  
*Chrysomphalus personatus*  
*Clepsis peritana*  
*Clerada apicicornis*  
*Coccus mangiferae*  
*Coelosternus consputus*  
*Collops bipunctatus*  
*Conchaspis angraei*  
*Conotrachelus aguacatae*  
*Conotrachelus integer*  
*Conotrachelus leucophaeatus*  
*Conotrachelus perseae*  
*Conotrachelus seneculus*  
*Corimelaena alticola*  
*Corimelaena incognita*  
*Corizidea longera*  
*Crophius scabrosus*  
*Cryphalamorpha jalappae*  
*Cryphula trimaculata*  
*Curculio q-griseae*  
*Cylas formicarius elegantulus*  
*Cyphosterna bicolor*  
*Dacus oleae*  
*Diaphania hyalinata*  
*Diaphania nitidalis*  
*Dinoderus bifoveolatus*  
*Diorymerellus laevimargo*  
*Dolichocysta penusta*  
*Dysdercus mimulus*  
*Empoasca solana*  
*Epicaerus cognatus*  
*Epilachna varietatis*  
*Epilachna varietatis varipes*  
*Epinotia opposita*  
*Epitrix cucumeris*  
*Epitrix fasciata*  
*Epitrix hirtipennis*  
*Eriococcus coccineus*  
*Estigmene acrea*  
*Eucalandra setulosa*  
*Eucalymnatus tessellatus*  
*Eucnecerus anthrenoides*  
*Eumecosomyia nubila*  
*Eurycipitia vestitus*  
*Evergestis rimosalis*  
*Exilianus obscurinervis*  
*Exptochiomera minima*  
*Exptochiomera oblonga*  
*Forcipomyia raleighi*  
*Frankliniella bratleyi*  
*Frankliniella cephalica*  
*Frankliniella insularis*  
*Frankliniella minuta*  
*Galgupha caerulea*  
*Geonethus semilevis*  
*Gerstaeckeria mutillaria*  
*Glyphonox praecox*  
*Glyptina nivalis*  
*Gnori moschema gudmannella*  
*Gnori moschema lavrenella*  
*Grapholitha molesta*  
*Grapholitha saltiana*  
*Haplothrips gowdeyi*  
*Helioides bella*  
*Heliothis subflexa*  
*Heterarthron plicatum*  
*Holosternus distans*  
*Homoiosoma electellum*  
*Hypsipyla grandella*  
*Jornandes intermedius*  
*Kaloterms jouteli*  
*Lathridius nodifer*  
*Lema quinquenotata*  
*Lepidosaphes philococcus*  
*Leptipsius striatus*  
*Leucinodes elegantalis*



## Countries of origin and insects—Continued

## MEXICO—Continued

*Leucopocila albofasciata*  
*Leucoptera coffeella*  
*Ligyrocotis aurivilliana*  
*Lineodes integra*  
*Liorhyssus hyalinus*  
*Liriomyza pusilla*  
*Lophocateres pusillus*  
*Lygaeus analis*  
*Lygaeus vittiscutis*  
*Lygus elisus*  
*Lygus hesperus*  
*Lygus oblineatus*  
*Lygus rubicundus*  
*Lygus sallei*  
*Macrocephalus stali*  
*Marmara opuntiella*  
*Micrapate dinoderoides*  
*Mimosestes dominicanus*  
*Moodna bisinuella*  
*Mormidea collaris*  
*Mormidea notulata*  
*Mydocha longicollis*  
*Nabis alternatus*  
*Nabis dentipes*  
*Nasutitermes nigriceps*  
*Neodryocetes exquisitus*  
*Neokolla heiroglyphica*  
*Nysius calliger*  
*Nysius minutus*  
*Nysius strigosus*  
*Oedancala bimaculata*  
*Oedionychis atroguttata*  
*Ogdoecosta catenulata*  
*Olibrus submaculatus*  
*Oosternum costatum*  
*Orectis rugosa*  
*Ozophora consanguineus*  
*Pachybrachis uteanus*  
*Pachybrachius basalis*  
*Pachybrachius vinctus*  
*Pachygrontha oedancalodes*  
*Pectinophora gossypiella*  
*Peregrinus maidis*  
*Phaedrias mazima*  
*Phenacoccus gossypii*  
*Physonota mexicana*  
*Pityophthorus cribratus*  
*Pityophthorus durus*  
*Placosternus difficilis*  
*Plagiodera aeneiventris*  
*Plagiodera semivittata*  
*Platynota rostrana*  
*Platynota stultana*  
*Platypus rugulosus*  
*Pnyxia scabiei*  
*Poronotus constrictus*  
*Prodenia ornithogalli*  
*Pseudischnaspis alienus*  
*Pseudoparlatoria serrulata*  
*Psychoda alternata*  
*Pulvinaria psidii*  
*Renocis mexicanus*  
*Rhagoletis pomonella*  
*Rhagoletis striatella*  
*Rhopalophora incrustata*  
*Scaphidium mexicanum*  
*Scaphidium variabile*  
*Scolopocerus uhleri*  
*Setomorpha rutella*  
*Sizeonotus areolatus*  
*Sizeonotus luteiceps*  
*Stegasta bosquella*  
*Stenomoma calenifer*  
*Stephanoderes lecontei*  
*Taeniothrips simplex*  
*Talponia batesi*  
*Tanymecus confusus*  
 "Targionia" bromiliae  
*Teleonemia scrupulosa*  
*Termes panamaensis*  
*Tetraleurdodes mori*  
*Tetrapriocera longicornis*  
*Trichobaris championii*  
*Trichobaris mucorea*  
*Tychius inermis*

## MEXICO—Continued

*Vasseletia vasseleti*  
*Voria ruralis*  
*Xyleborus affinis*  
*Xyleborus confusus*  
*Xylobiops parilis*  
*Xylobiops tezanus*  
*Xytomeira torquata*  
*Zabrotes subfasciatus*  
 MOROCCO:  
*Aleurolobus olivinus* (?)  
*Aonidiella maleti*  
*Ceratitis capitata*  
*Lophocateres pusillus*  
*Sinozylon sexdentatum*  
 MOZAMBIQUE:  
*Anuraphis apiifolia*  
*Ceratitis capitata*  
*Pheidole megacephala*  
 NETHERLANDS:  
*Allantus cinctus*  
*Barathra brassicae*  
*Brachyrhinus sulcatus*  
*Bruchus luteicornis*  
*Chilo phragmitellus* (?)  
*Endrosia lactella*  
*Enicmus minutus*  
*Eumerus tuberculatus*  
*Forficula auricularia*  
*Gracilaria azaleella*  
*Hofmannophila pseudospretella*  
*Lathridius nodifer*  
*Myzus duffieldii*  
*Nemaphogon granella*  
*Rhopalosiphoninus latysiphon*  
*Rhopalosiphoninus tulipaeillus*  
*Setomorpha rutella*  
*Sitona lineata*  
*Tenthecoris bicolor*  
 NEW GUINEA:  
*Aspidiotus palmae*  
*Elytrotetnus subtruncatus*  
*Parlatoria citri*  
*Pinnaspis buxi*  
 NEW HEBRIDES:  
*Aspidiotus herculeanus*  
 NEW ZEALAND:  
*Hofmannophila pseudospretella*  
 NICARAGUA:  
*Acanthoscelides sallaei* (?)  
*Anastrepha ludens*  
*Anastrepha mombinpraeoptans*  
*Anastrepha serpentina*  
*Asterolecanium pustulans*  
*Chrysomphalus umboniferus*  
*Conchaspis angraei*  
*Diaphania nitidalis*  
*Mimosestes dominicanus*  
*Pseudischnaspis alienus*  
 NORWAY:  
*Ernobius abietis*  
*Psila rosae*  
 OKINAWA:  
 "Targionia" quohogiformis  
 ONTARIO:  
*Chirothrips manicatus*  
*Tychius griseus*  
 ORIENT:  
*Callosobruchus chinensis*  
*Pseudischnaspis alienus*  
 PALAU ISLANDS:  
*Furcaspis oceanica*  
 PALESTINE:  
*Ceratitis capitata*  
*Myelois ceratoniae*  
 PANAMA:  
*Agromyza virens*  
*Aspidiotus destructor*  
*Aspidiotus spinosus*  
*Coccus viridis*  
*Cylas formicarius elegantulus*  
*Diaphania nitidalis*  
*Epinotia opposita*  
*Euscepes postfasciatus*  
*Furcaspis bifor mis*  
*Leucaspis cockerelli*

## Countries of origin and insects—Continued

## PANAMA—Continued

*Maruca testulalis*  
*Pectinophora gossypiella*  
*Vinsonia stellifera*

## PARAGUAY:

*Callosobruchus chinensis*  
*Parlatoria cinerea*

## PERU:

*Chaetopsis fulvifrons*  
*Dinoderus bifoveolatus*  
*Mordellistena cattlejana*  
*Zabrotes subfasciatus*

## PHILIPPINES:

*Amphicercus cornutus*  
*Anuraphis helichrysi*  
*Aspidiotus destructor*  
*Aspidiotus palmae*  
*Dialeurodes kirkaldyi*  
*Dinoderus brevis*  
*Dinoderus ocellaris*  
*Parlatoria pseudaspidotus*

## PORTUGAL:

*Bruchus luteicornis*  
*Ceratitis capitata*  
*Epidiaspis piricola* (?)  
*Iridomyrmex humilis*  
*Lamprodema maurem*  
*Laspeyresia splendana*  
*Psychoda seretini*  
*Sinozylus sexdentatum*  
*Sitona cambricus*

## PUERTO RICO:

*Acanthoscelides armilliger*  
*Anastrepha mombinpraeoptans*  
*Anastrepha suspensa*  
*Aspidiotus destructor*  
*Aspidiotus herculeanus*  
*Asterolecanium pseudomiliaris*  
*Asterolecanium pustulans*  
*Bemisia inconspicua*  
*Callosobruchus chinensis*  
*Chrysomphalus portoricensis*  
*Coccus viridis*  
*Cylas forficarius elegantulus*  
*Dialeurodes citrifolii*  
*Euscepes postfasciatus*  
*Fundella pellucens*  
*Furcaspis biformis*  
*Heliothis subflexa*  
*Lepidosaphes tokionis*  
*Maruca testulalis*  
*Pectinophora gossypiella*  
*Protopulvinaria pyriformis*  
*Pseudischinaspis boureyi*  
*Pulvinaria psidii*  
*Setomorpha rutella*  
*Taeniothrips simplex*  
*Targionia sacchari*  
*Vinsonia stellifera*

## ST. VINCENT:

*Corcyra cephalonica*  
*Setomorpha rutella*  
*Targionia hartii*

## SALVADOR:

*Anastrepha mombinpraeoptans*  
*Chrysomphalus personatus*  
*Coccus mangiferae*  
*Exptochiomera oblonga*  
*Pseudaonidia tesserata*  
*Stenoma catenifer*  
*Zabrotes subfasciatus*

## SCOTLAND:

*Aleyrodes brassicae* (?)  
*Argyresthia conjugella*  
*Forficula auricularia*  
*Niptus hololeucus*  
*Taeniothrips atratus*  
*Taeniothrips ericae*

## SOUTH PACIFIC:

*Aonidiella inornata*  
*Aspidiotus destructor*  
*Aspidiotus excisus*  
*Ceratitis capitata*  
*Dinoderus brevis*  
*Furcaspis oceanica*

## SOUTH PACIFIC—Continued

*Pinnaspis buxi*  
*Pseudococcus palmarum*

## SPAIN:

*Ceratitis capitata*  
*Parlatoria zizyphus*  
*Pyrausta nubilalis*

## SWEDEN:

*Hylurgops palliatus*

## SWITZERLAND:

*Parlatoria camelliae*

## TRINIDAD:

*Acanthoscelides armilliger*  
*Aganactesis indecora*  
*Aulacaspis mangiferae*  
*Callosobruchus chinensis*  
*Maruca testulalis*  
*Protopulvinaria pyriformis*  
*Unaspis citri*

## TUNISIA:

*Lepidosaphes ficus*

## TURKEY:

*Ceratitis capitata*

## ULITHI ISLAND:

*Pseudococcus palmarum*

## UNION OF SOUTH AFRICA:

*Ceratitis capitata*  
*Iridomyrmex humilis*  
*Phlyctinus callosus*  
*Specularius erythrinae*

## UNKNOWN:

*Amphicercus cornutus*  
*Callidium rufipenne*  
*Caryedon fuscus*  
*Corcyra cephalonica*  
*Dacne bipustulata* (?)  
*Dacne picta*  
*Dialeurodes citri*  
*Dinoderus bifoveolatus*  
*Dinoderus brevis*  
*Dinoderus ocellaris*  
*Endrosia lactella*  
*Enicmus minutus*  
*Forficula auricularia*  
*Furcaspis biformis*  
*Hofmannophila pseudopretella*  
*Laspeyresia splendana*  
*Lathridius bergrothi*  
*Minthea rugicollis*  
*Parlatoria pseudaspidotus*  
*Pectinophora gossypiella*  
*Poronotus constrictus*  
*Targionia sacchari*  
*Vinsonia stellifera*

## URUGUAY:

*Anuraphis apifolia*  
*Ceratitis capitata*

## VENEZUELA:

*Aleurothrixus myrtacei*  
*Amphicercus cornutus*  
*Anaphothrips orchidaceus*  
*Anastrepha serpentina*  
*Asterolecanium epidendri*  
*Aulacaspis mangiferae*  
*Callosobruchus maculatus*  
*Callosobruchus phaseoli*  
*Ceroptastes floridensis*  
*Coccus viridis*  
*Coproporus pulchellus*  
*Dysides obscurus*  
*Enicmus minutus*  
*Eucalymnatus tessellatus*  
*Eurytoma orchidearum*  
*Euscepes postfasciatus*  
*Exptochiomera minima*  
*Exptochiomera tumens*  
*Frankliniella insularis*  
*Furcaspis biformis*  
*Iridomyrmex iniquus*  
*Iridomyrmex iniquus nigella*  
*Minthea rugicollis*  
*Neofurius carvalhoi*  
*Pachybrachius servillei*  
*Parallelodiplosis cattleyae*  
*Poronotus constrictus*

## Countries of origin and insects—Continued

## VENEZUELA—Continued

*Protopulvinaria pyrifomis*  
*Pseudoparlatoria ostreata*  
*Setomorpha rutella*  
*Stenotarsus globosus*  
*Taeniothrips simplex*  
*Tenthecoris bicolor*  
 VIRGIN ISLANDS:  
*Anastrepha mombrinpraeoptans*

## VIRGIN ISLANDS—Continued

*Asterolecanium pustulans*  
*Cylas formicarius elegantulus*  
 "Targionia" hartii  
 WEST INDIES:  
*Leucaspis cockerelli*  
 YUGOSLAVIA:  
*Nemapogon granella*  
*Parlatoria oleae*

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946,  
 inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Actinopelte dryina</i> (Sacc.) Hoehn.:					
<i>Quercus</i> sp. (oak)	Mexico	1			Tex.
<i>Aecidium evansii</i> P. Henn.:					
<i>Lippia graveolens</i>	do	1			Tex.
<i>Alternaria circinans</i> (Berk. & Curt.) Bolle:					
<i>Brassica oleracea capitata</i> (cabbage)	England, Netherlands		2		La., Tex.
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus sinensis</i> (orange)	Mediterranean area, Mexico.	4			Ariz., Ill., Tex.
<i>Citrus</i> sp.	Mexico	1			Tex.
<i>Alternaria cucumerina</i> (Ell. & Ev.) J. A. Elliott:					
<i>Cucumis melo</i> var. (honeydew)	Chile	1			N. Y.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Gypsophila paniculata</i> (babysbreath)	do	3			Tex.
<i>Alternaria nigrescens</i> (Peg.) Neerg.:					
<i>Cucumis melo</i> var. (honeydew)	Chile	2			N. Y.
<i>Alternaria tenuis</i> auct.:					
<i>Allium cepa</i> (onion)	Mexico	1			Tex.
<i>Capsicum frutescens</i> (pepper)	do	1			Tex.
<i>Cucumis melo</i> var. (honeydew)	Chile	1			N. Y.
<i>Anthostomella grandispora</i> Penz. & Sacc.:					
Bamboo	Colombia	1			N. Y.
<i>Aphelenchoides subtenuis</i> Cobb:					
<i>Narcissus</i> sp.	Luxemburg, Nether- lands.		2		N. J., N. Y.
<i>Ascochyta imperfecta</i> Pk.:					
<i>Medicago sativa</i> (alfalfa)	Mexico	1			Tex.
<i>Ascochyta lycopersici</i> Brun.:					
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Ascochyta magnoliae</i> Thuem.:					
<i>Magnolia soulangeana</i> (saucer magnolia)	Canada		1		Wash.
<i>Ascochyta pisi</i> Lib.:					
<i>Pisum sativum</i> (pea)	England, Mexico, Por- tugal, Uruguay.	3	3		N. Y., Pa., Tex.
<i>Aspergillus phaeocephalus</i> Dur. & Mont.:					
<i>Allium sativum</i> (garlic)	Argentina	1			La.
<i>Bacillus aroidea</i> Town. (?):					
<i>Lycopersicon esculentum</i> (tomato)	Dominican Republic	1			P. R.
<i>Bacillus melonis</i> Gidd.:					
<i>Cucurbita maxima</i> (squash)	Mexico	1			Tex.
<i>Bacterium solanacearum</i> E. F. Sm.:					
<i>Solanum tuberosum</i> (potato)	do	1			Tex.
<i>Botryosphaeria ribis chromogena</i> Gross. & Dugg.:					
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Botrytis byssoides</i> J. C. Walker:					
<i>Allium cepa</i> (onion)	do	1			Tex.
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium</i> sp. (lily)	do	2			Tex.
<i>Botrytis galanthina</i> (Berk. & Br.) Saec.:					
<i>Galanthus</i> sp. (snowdrop)	England	1			Pa.
<i>Botrytis gladioli</i> Kleb.:					
<i>Gladiolus</i> sp.	Netherlands	1			Mass.
<i>Botrytis paeoniae</i> Oud.:					
<i>Paeonia</i> sp. (peony)	do		1		N. Y.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Botrytis squamosa</i> J. C. Walker: <i>Allium cepa</i> (onion) .....	Mexico .....	1			Tex.
<i>Botrytis tulipae</i> (Lib.) Lind: <i>Tulipa</i> sp. (tulip) .....	Germany .....			1	Wash.
<i>Briosa azaleae</i> (Pk.) Dearn.: <i>Rhododendron</i> sp. ....	England .....			1	N. J.
<i>Catacauma palmicola</i> F. L. Stevens: Palm .....	Guadeloupe .....		1		Va.
<i>Ceratostomella ulmi</i> Buis.: <i>Ulmus</i> sp. (elm) .....	England .....	1			N. Y.
<i>Cercospora althaeina</i> Sacc.: <i>Althaea</i> sp. ....	Mexico .....	1			Tex.
<i>Hibiscus syriacus</i> (shrub althaea) .....	do .....	1			Tex.
<i>Cercospora angreii</i> Roum.: <i>Odontoglossum</i> sp. (orchid) .....	Belgium, England .....			3	N. J.
<i>Cercospora apti</i> Fres.: <i>Apium graveolens</i> (celery) .....	Cuba .....		2		Tex.
<i>Cercospora chrysanthemi</i> Putt.: <i>Chrysanthemum</i> sp. ....	Mexico .....	1			Tex.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee) .....	do .....	1			Tex.
<i>Cercospora cordiae</i> Chupp: <i>Cordia</i> sp. ....	do .....			1	Tex.
<i>Cercospora cucurbiticola</i> P. Henn.: <i>Cucumis sativus</i> (cucumber) .....	Panama .....		1		Tex.
<i>Cercospora fraxinitis</i> Ell. & Ev.: <i>Fraxinus</i> sp. (ash) .....	Mexico .....	1			Tex.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron</i> sp. ....	Belgium, Netherlands .....			6	N. J.
<i>Cercospora herreraana</i> Farneti: <i>Coffea</i> sp. (coffee) .....	Mexico .....			1	Tex.
<i>Cercospora insulana</i> (Sacc.) Chupp: <i>Armeria</i> sp. (statice) .....	Guatemala, Mexico .....	4			Tex.
<i>Cercospora longissima</i> Sacc.: <i>Lactuca sativa</i> (lettuce) .....	Cuba .....	1			P. R.
<i>Cercospora lythracearum</i> Heald & Wolf: <i>Punica granatum</i> (pomegranate) .....	Mexico .....		1		Tex.
<i>Cercospora mangiferae</i> Koord.: <i>Mangifera indica</i> (mango) .....	do .....		1		Ariz.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisica sapientum</i> (banana) .....	Costa Rica, Dominican Republic, Guatemala, Martinique, Mexico, Panama, Porto Rico.	133			Ariz., Calif.,* La., N. Y., Pa., Tex.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander) .....	Mexico .....	1			Tex.
<i>Cercospora physalidis</i> Ell. & Barth.: <i>Physalis</i> sp. (husk tomato) .....	do .....	1			Tex.
<i>Cercospora psidii</i> Rangel: <i>Psidium guajava</i> (guava) .....	do .....	1			Ariz.
<i>Cercospora scolecotrichoides</i> Atk.: <i>Arundinaria funghomii</i> (bamboo) .....	China .....			1	D. C.
<i>Cercospora sorghi</i> Ell. & Ev.: <i>Sorghum vulgare</i> (sorghum) .....	Mexico .....	1			Tex.
<i>Cercospora vaginiae</i> Krüger: <i>Saccharum officinarum</i> (sugarcane) .....	do .....	2			Tex.
<i>Cercospora primulae</i> Allesch.: <i>Primula</i> sp. (primrose) .....	British Columbia, France.			3	N. Y., Wash.
<i>Chaetomium bostrychodes</i> Zopf: <i>Hibiscus rosa-sinensis</i> (Chinese hibiscus) .....	South Pacific (?) .....			1	Calif.*
<i>Chlamydomyces palmarum</i> (Cke.) Mason: Bamboo .....	Mexico .....	1			Ariz.
<i>Cladosporium cucumerinum</i> Ell. & Arth. (?): <i>Manihot esculenta</i> (cassava) .....	American Virgin Islands.	1			Fla.*
<i>Cladosporium effusum</i> Berk. & Curt.: <i>Carya illinoensis</i> (pecan) .....	Mexico .....	1			Tex.



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<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall:					
<i>Paspalum notatum</i> (Bahia grass)	Paraguay			1	D. C.
<i>Paspalum</i> sp.	Australia			2	N. Y.
<i>Claviceps purpurea</i> (Fr.) Tul.:					
<i>Secale cereale</i> (rye)	New Zealand			1	Wash.
<i>Coleosporium campanulae</i> (Pers.) Lév.:					
<i>Campanula persicifolia moerheimi</i>	Netherlands			1	N. J.
<i>Colletotrichum cajani</i> Rangel:					
<i>Cajanus cajan</i> (pigeonpea)	Dominican Republic, Puerto Rico.	2			Fla.,* P. R.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.:					
<i>Sorghum vulgare technicum</i> (broomcorn)	Mexico	2			Tex.
<i>Colletotrichum lilii</i> Plakidas:					
<i>Lilium longiflorum</i> (Easter lily)	do			1	Tex.
<i>Colletotrichum lineola</i> Cda.:					
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
<i>Colletotrichum lujae</i> Verpl. (?)					
<i>Zygopetalum burti</i> (orchid)	Costa Rica			1	Tex.
<i>Colletotrichum nigrum</i> Ell. & Halst.:					
<i>Capsicum frutescens</i> (pepper)	Panama		1		Tex.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Colletotrichum orchidearum</i> form <i>odontoglossi</i> Verpl. & Claess.:					
<i>Odontoglossum laeve</i> (orchid)	Guatemala			1	Calif.*
<i>Colletotrichum stanhopeae</i> P. Henn.:					
<i>Stanhopea wardii</i> (orchid)	do			1	Calif.*
<i>Colletotrichum truncatum</i> (Schw.) Andrus & W. D. Moore:					
<i>Phaseolus limensis</i> (lima bean)	Puerto Rico	1			N. Y.
<i>Pisum sativum</i> (pea)	Mexico		1		Tex.
<i>Coniosporium sphaerospermum</i> Mason:					
Bamboo	Soldier's mail	1			Wash.
<i>Coniothyrium fuckelii</i> Sacc.:					
<i>Malus</i> sp.	Japan			1	Calif.*
<i>Cumminsiaella sanguinea</i> (Pk.) Arth.:					
<i>Mahonia</i> sp.	British Columbia	1			Wash.
<i>Cymadothea trifolii</i> (Fr.) Wolf:					
<i>Trifolium</i> sp. (clover)	Soldier's mail	1			N. Y.
<i>Cytospora ambiens</i> Sacc.:					
<i>Salix</i> sp. (willow)	Belgium, England	3	1		Mass., N. Y.
<i>Cytospora leucostoma</i> Sacc.:					
<i>Malus sylvestris</i> (apple)	Canada			1	Wash.
<i>Cytospora palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	New Hebrides	1			Calif.*
<i>Cytospora subclypeata</i> Sacc. (?):					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Didymella lycopersici</i> (Brun.) Kleb.:					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Didymosphaeria graminicola</i> Ell. & Ev.:					
<i>Panicum</i> sp.	New Guinea	1			Calif.*
<i>Diplocarpon rosae</i> Wolf:					
<i>Rosa</i> sp.	Venezuela	2			Fla.*
<i>Diplodia coccocarpa</i> Sacc. var. <i>malaccensis</i> Tassi:					
<i>Cocos nucifera</i> (coconut)	Marshall Islands	1			Calif.*
<i>Diplodia henriquesiana</i> Trav. & Spessa:					
<i>Cattleya</i> sp. (orchid)	Costa Rica			1	N. J.
<i>Diplodia theobromae</i> (Pat.) Nowell:					
Bamboo	Mexico	1			Ariz.
<i>Cocos nucifera</i> (coconut)	Philippines	1			Oreg.
<i>Ipomoea batatas</i> (sweetpotato)	Hawaii		1		Calif.*
<i>Diplodia tubericola</i> (Ell. & Ev.) Taub.:					
<i>Manihot</i> sp.	Honduras		1		Ala.
<i>Ipomoea batatas</i> (sweetpotato)	Venezuela		1		Md.
<i>Diplodina eurhododendri</i> Voss:					
<i>Rhododendron</i> sp.	Canada			1	Wash.
<i>Discosia artocreas</i> Fr.:					
<i>Acer</i> sp. (maple)	Europe	1			Oreg.
<i>Rosa</i> sp. (rose)	Netherlands			1	N. J.

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<i>Ditylenchus destructor</i> Thorne:					
<i>Solanum tuberosum</i> (potato).....	Sweden.....		1		Md.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	15			Tex.
<i>Allium sativum</i> (garlic).....	England.....			2	N. J.
<i>Narcissus</i> sp.....					
<i>Ditylenchus iridis</i> Steiner:					
<i>Iris ziphoides</i> (English iris).....	Netherlands.....			1	N. J.
<i>Iris</i> sp.....	do.....			28	Calif., *N. J., N. Y., Wash.
<i>Tigridia</i> sp.....	do.....			4	N. J.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (lime).....	Brazil.....		1		Md.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....		4		Md., Mass., N. Y.
<i>Citrus sinensis</i> (orange).....	Brazil, Uruguay.....		3		Mass., Pa.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus limensis</i> (lima bean).....	Puerto Rico, Virgin Islands.....	3			Fla.*
<i>Elsinoe piri</i> (Woron.) Jenkins:					
<i>Malus sylvestris</i> (apple).....	Spain.....		1		Tex.
<i>Epidochium oryzae</i> Miy.:					
<i>Oryza sativa</i> (rice).....	India.....	1			Oreg.
<i>Eriosporina tritici</i> Togn.:					
Bamboo.....	Soldier's mail.....	1			Wash.
<i>Eriosporium cactivorum</i> Pets. & Cif.:					
Cactus.....	Mexico.....	1			Tex.
<i>Fabraea maculata</i> Atk.:					
<i>Cydonia oblonga</i> (quince).....	Costa Rica.....	1			Fla.*
<i>Fusarium bulbigenum</i> Cke. & Mass.:					
<i>Narcissus</i> sp.....	England, Netherlands.....			40	N. J., N. Y.
<i>Fusarium heterosporum</i> Nees.:					
<i>Paspalum</i> sp.....	Australia.....			1	N. Y.
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Allium cepa</i> (onion).....	Mexico.....	6			Tex.
<i>Gladiolus</i> sp.....	Canada.....			1	N. J.
<i>Ipomoea batatas</i> (sweetpotato).....	Mexico.....	1			Tex.
<i>Fusarium trichothecoides</i> Wr.:					
<i>Solanum tuberosum</i> (potato).....	do.....	1			Ariz.
<i>Fusicladium depressum</i> (Berk. & Br.) var. <i>petroselinii</i> Sacc.:					
<i>Petroselinum crispum latifolium</i> (parsley).....	Azores.....		1		N. Y.
<i>Gliomastix convoluta</i> (Harz) Mason:					
<i>Zingiber officinale</i> (ginger).....	China.....	1			Calif.*
<i>Gloeosporium affine</i> Sacc.:					
<i>Cattleya skinneri</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Cattleya superba</i> .....	Venezuela.....	1			P. R.
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone.....			1	Tex.
<i>Phalaenopsis schilleriana</i> (orchid).....	Philippines.....			1	Calif.*
<i>Phalaenopsis</i> sp.....	do.....			2	Calif.*
<i>Gloeosporium anthurii</i> Allesch.:					
<i>Anthurium</i> sp.....	Trinidad.....			1	N. J.
<i>Gloeosporium cattleyae</i> Sacc. & D. Sacc.:					
<i>Cattleya bourringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Cattleya dowiana</i> .....	Costa Rica.....			1	Calif.*
<i>Cattleya gigas</i> .....	Colombia.....			2	Calif.*
<i>Cattleya mendeli</i> .....	do.....			1	Calif.*
<i>Cattleya mossiae</i> .....	Venezuela.....			1	Calif.*
<i>Cattleya trianae</i> .....	Colombia.....			1	Calif.*
<i>Cattleya</i> sp.....	Colombia, Venezuela.....			4	Calif., Wash.
<i>Gloeosporium cyripedii</i> Verpl.:					
<i>Cyripedium</i> sp. (orchid).....	England.....			1	Calif.*
<i>Gloeosporium dendrobii</i> Maubl.:					
<i>Dendrobium spectosum</i> (orchid).....	Australia.....			1	Calif.*
<i>Dendrobium superbiens</i> .....	New Guinea.....			1	Calif.*
<i>Gloeosporium epidendri</i> P. Henn.:					
Orchid.....	St. Lucia.....	1			P. R.

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<i>Gloeosporium fructigenum</i> Berk.:					
<i>Malus sylvestris</i> (apple).....	Union of South Africa.....		1		Ala.
<i>Gloeosporium laeliae</i> P. Henn.:					
<i>Laelia anceps</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia autumnalis</i> .....	do.....			1	Calif.*
<i>Laelia superbiens</i> .....	do.....			1	Calif.*
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis</i> sp. (mesquite).....	Hawaii, Mexico.....	2	1		Ariz., Tex., Wash.
<i>Gloeosporium mangiferae</i> P. Henn.:					
<i>Mangifera indica</i> (mango).....	Dominican Republic.....	1			P. R.
<i>Gloeosporium perennans</i> Zeller & Childs:					
<i>Malus sylvestris</i> (apple).....	Mexico.....	1			Tex.
<i>Glomerella cincta</i> (Ston.) Spauld. & Schrenk:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Glomerella piperata</i> (Ston.) Spauld. & Schrenk:					
<i>Capsicum frutescens</i> (pepper).....	Malaysia.....		1		Pa.
<i>Gloniopsis levantica</i> Rehm:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Glonium stellatum</i> Muhl.:					
<i>Barkeria spectabilis</i> (orchid).....	Guatemala.....			1	Tex.
<i>Graphiola phoenicis</i> (Moug.) Poit.:					
<i>Calamus</i> sp. (rattan).....	India.....		1		Mass.
Palm.....	Mexico.....		1		Tex.
<i>Helminthosporium carposaprum</i> Pollack:					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	11			Tex.
<i>Helminthosporium oryzae</i> Breda de Haan:					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Ohio.
<i>Hemileia orcidii</i> Grifon & Maub.:					
<i>Oncidium</i> sp. (orchid).....	Brazil.....			1	N. J.
<i>Hendersonia donacis</i> Sacc. form <i>bambusina</i> Sacc.:					
Bamboo.....	Soldier's mail.....	1			Wash.
<i>Hendersonia epidendri</i> Keissl.:					
<i>Cattleya</i> sp. (orchid).....	Guatemala.....	1			Tex.
<i>Heterosporium allii</i> Ell. & G. Martin:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Hormodendrum cladosporioides</i> (Fres.) Sacc.:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Nebr.
<i>Hysterothromella sabalicola</i> Tracy & Earle:					
Palm.....	Mexico.....		1		Ariz.
<i>Kuehneola malvicola</i> (Speg.) Arth.:					
<i>Althaea</i> sp.....	do.....	1			Tex.
<i>Hibiscus syriacus</i> (shrub-althaea).....	do.....	1			Tex.
<i>Lachnum virgineum</i> (Fr.) Karst.:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Leptosphaeria azaleae</i> Hollos:					
<i>Rhododendron</i> sp.....	do.....			1	N. J.
<i>Leptosphaeria heterospora</i> (De N.) Niessl.:					
<i>Iris</i> sp.....	Italy, New Zealand.....			2	N. J.
<i>Leptosphaeria tritici</i> (Garov.) Pass.:					
<i>Triticum aestivum</i> (wheat).....	Soldier's mail.....	1			N. Y.
<i>Triticum</i> sp.....	Netherlands.....			1	Calif.*
<i>Macrophoma candollei</i> (Berk. & Br.) Berl. & Vogl.:					
<i>Buxus</i> sp.....	China.....			1	Calif.*
<i>Macrophoma oleandri</i> Pass.:					
<i>Nerium oleander</i> (oleander).....	Bermuda.....	1			N. Y.
<i>Macrophoma orchidicola</i> (Speg.) Sacc. & Syd. (?):					
<i>Cattleya boweringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Macrophoma phaseoli</i> (Maubl.) Ashby:					
<i>Ipomoea batatas</i> (sweetpotato).....	Dominican Republic, Puerto Rico.....	1	1		Fla.,* N. Y.
<i>Memnoniella echinata</i> (Riv.) Gall.:					
<i>Cattleya</i> sp. (orchid).....	Brazil, Venezuela.....			3	N. J.
<i>Zingiber officinale</i> (ginger).....	China.....	1			Calif.*
<i>Metasphaeria albescens</i> Thuem.:					
<i>Oryza sativa</i> (rice).....	do.....	1			Calif.*
<i>Microcera fujikuroi</i> Miy. & Saw.:					
<i>Camellia</i> sp.....	Mexico.....		1		Tex.



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<i>Monilinia fructicola</i> (Wint.) Honey (?):					
<i>Prunus domestica</i> (plum).....	Mexico.....	1			Tex.
<i>Prunus persica</i> (peach).....	do.....	3			Tex.
<i>Prunus</i> sp. (cherry).....	do.....		1		Ariz.
<i>Monochaetia compta</i> (Sacc.) Allesch. var. <i>ramulicola</i> Berl. & Bres.:					
<i>Rosa</i> sp.....	Netherlands.....			1	N. J.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross.:					
<i>Cucurbita maxima</i> (squash).....	Argentina, Australia, Uruguay.....		3		N. Y., Pa.
<i>Cucurbita pepo</i> (pumpkin).....	Dominican Republic.....		1		N. Y.
<i>Secchium edule</i> (chayote).....	Canal Zone, Cuba, Mexico, Panama.....	1	4		Ala., N. Y., Tex.
<i>Mycosphaerella gardeniae</i> Cke.:					
<i>Gardenia augusta</i> (Cape-jasmine).....	Canal Zone.....	1			La.
<i>Mycosphaerella hondai</i> Miyake:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin:					
<i>Rhododendron</i> sp.....	Belgium, Netherlands.....			2	N. J.
<i>Myrothecium roridum</i> Fr.:					
<i>Roystonea</i> sp. (royal palm).....	Dominican Republic.....			1	P. R.
<i>Nectria cinnabarina</i> Fr.:					
<i>Acer</i> sp. (maple).....	Netherlands.....			1	N. J.
<i>Neovossia horrida</i> (Tak.) Padwick & Azmatullah Khan:					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Wash.
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice).....	Ecuador, soldier's mail.....	3			Fla.*
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	1			Tex.
<i>Nigrospora panici</i> Zimm. (?):					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Fla.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Oryza sativa</i> (rice).....	Japan.....	2			Calif.*
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	1			Ariz.
<i>Sorghum vulgare</i> (sorghum) (?).....	do.....	1			Ariz.
<i>Omphalia flavida</i> (Cke.) Maubl. & Rangel:					
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....	55			Tex.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato).....	do.....		1		Tex.
<i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
Bamboo.....	do.....	2			Ariz.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Tex.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cattleya skinneri</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Miltonia endresii</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.....	Belgium, England.....			2	N. J.
<i>Pestalotia palmarum</i> Cke.:					
Palm.....	Soldier's mail.....	1			Wash.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium</i> sp.....	Mexico.....	1			Ariz.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Phoma camelliae</i> Pass.:					
<i>Camellia japonica</i> (camellia).....	Switzerland.....			1	N. Y.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon).....	Australia.....		6		Calif.,* N. Y.
<i>Citrus sinensis</i> (orange).....	do.....		3		Calif.*
<i>Phoma glumarum</i> Ell. & Tr.:					
<i>Oryza sativa</i> (rice).....	Jamaica, Puerto Rico.....	2			Fla.*
<i>Phomopsis arecae</i> Syd. (?):					
Palm.....	Samoa.....			1	Calif.*
<i>Phomopsis capsici</i> (Magn.) Sacc.:					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....		1		Tex.
<i>Phomopsis cocoae</i> Petch:					
<i>Cocos nucifera</i> (coconut).....	Ulithi.....	1			Calif.*

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946,  
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phyllosticta erythroxylis</i> Graz.:					
<i>Erythroxylon coca</i> (cocaine-tree) .....	Peru .....	1			N. Y.
<i>Phyllosticta euphorbiaecola</i> Brun.:					
<i>Euphorbia pulcherrima</i> (poinsettia) .....	Mexico .....	1			Tex.
<i>Phyllosticta laeliae</i> Keissl.:					
<i>Aerides</i> sp. (orchid) .....	Philippines .....			1	Calif.*
<i>Brassia gireoudiana</i> (orchid) .....	Costa Rica .....			1	Calif.*
<i>Cattleya bowringiana</i> (orchid) .....	Guatemala .....			1	Calif.*
<i>Cattleya</i> sp. ....	Colombia .....			2	Calif.*
<i>Cypripedium</i> sp. (orchid) .....	England .....			1	Calif.*
<i>Epidendrum pentotis</i> (orchid) .....	Guatemala .....			1	Calif.*
<i>Epidendrum</i> sp. ....	Mexico .....			1	Tex.
<i>Laelia superbiens</i> (orchid) .....	Guatemala .....			1	Calif.*
<i>Laelia</i> sp. ....	do .....			1	Tex.
<i>Odontoglossum schlieperianum</i> (orchid) .....	Costa Rica .....			2	Calif.*
Orchid .....	Mexico .....			1	Tex.
<i>Peristeria elata</i> (orchid) .....	Canal Zone .....			1	Calif.*
<i>Phyllosticta miurai</i> Miyake:					
<i>Oryza sativa</i> (rice) .....	Japan(?), Okinawa(?) .....	1	1		Wash.
<i>Phyllosticta nerii</i> West.:					
<i>Nerium oleander</i> (oleander) .....	Bermuda .....			1	Md.
<i>Phyllosticta solitaria</i> Ell. & Ev.:					
<i>Malus sylvestris</i> (apple) .....	Mexico .....		1		Tex.
<i>Phyllosticta superficiale</i> F. L. Stevens:					
<i>Passiflora</i> sp. ....	Bahamas .....	1			N. Y.
<i>Phymatotrichum omnivorum</i> (Shear) Dugg.:					
<i>Dasyliirion</i> sp. (sotol) .....	Mexico .....			1	Tex.
<i>Physalospora camptospora</i> Sacc.:					
<i>Cattleya skinneri</i> (orchid) .....	Guatemala .....			1	Calif.*
<i>Laelia</i> sp. (orchid) .....	do .....			1	Tex.
<i>Physalospora cattleyae</i> Maub. & Lasnier:					
<i>Cattleya bowringiana</i> (orchid) .....	do .....			3	Calif.*
<i>Cattleya skinneri</i> .....	Mexico .....			1	Tex.
Orchid .....	do .....			2	Tex.
<i>Physalospora orchidearum</i> P. Henn.:					
<i>Cymbidium</i> sp. (orchid) .....	England .....			1	Calif.*
<i>Dendrobium</i> sp. (orchid) .....	Dutch East Indies, South Pacific. ....			2	Calif.* , Wash.
Orchid .....	Mexico .....			1	Tex.
<i>Stanhopea</i> sp. (orchid) .....	Brazil .....			1	N. J.
<i>Physalospora phormii</i> Schroet.:					
<i>Phormium tenax</i> (New Zealand flaxlily) .....	Australia .....			1	Calif.*
<i>Phytophthora capsici</i> Leonian:					
<i>Lycopersicon esculentum</i> (tomato) .....	Mexico .....	53			Ariz.
<i>Phytophthora phaseoli</i> Thaxt.:					
<i>Phaseolus</i> sp. (string bean) .....	do .....	1			Tex.
<i>Plenodomus destruens</i> Harter:					
<i>Ipomoea batatas</i> (sweetpotato) .....	do .....	1			Tex.
<i>Pleospora aculeorum</i> Berl.:					
<i>Rosa</i> sp. ....	Netherlands .....			1	N. J.
<i>Pseudomonas sarastanoi</i> (E. F. Sm.) F. L. Stevens:					
<i>Olea europaea</i> (olive) .....	France .....	1			Ky.
<i>Pseudoopeziza medicaginis</i> (Lib.) Sacc.:					
<i>Medicago sativa</i> (alfalfa) .....	Mexico, soldier's mail .....	2			Tex., Wash.
<i>Puccinia buzi</i> DC.:					
<i>Burus sempervirens</i> (box) .....	France .....			1	N. Y.
<i>Puccinia canaliculata</i> (Schw.) Lagh.:					
<i>Cyperus subnodosus</i> .....	Mexico .....	1			Tex.
<i>Puccinia chloridis</i> (Speg.) Kuntze:					
<i>Chloris virgata</i> (feather fingergrass) .....	do .....	1			Ariz.
<i>Puccinia glumarum</i> (Schmidt) Eriks. & P. Henn.:					
<i>Triticum aestivum</i> (wheat) .....	Japan .....	1			Mo.
<i>Puccinia rubigo-vera tritici</i> (Eriks. & P. Henn.) Carl.:					
<i>Triticum aestivum</i> (wheat) .....	Mediterranean Area .....	1			Oreg. Calif.*
<i>Triticum</i> sp. ....	Netherlands .....			1	
<i>Pucciniopsis caricae</i> (Speg.) Seaver:					
<i>Carica papaya</i> (papaya) .....	Cuba .....		1		N. Y.

## List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pyrenochaeta oryzae</i> Shirai:					
<i>Oryza sativa</i> (rice).....	Okinawa (?).....	---	1	---	Wash.
<i>Pythium ultimum</i> Trow:					
<i>Cattleya</i> sp. (orchid).....	Belgium.....	---	1	---	N. J.
<i>Ramularia primulae</i> Thum.: <i>Primula</i> sp. (primrose).....	British Columbia.....	---	2	---	Wash.
<i>Schizophyllum commune</i> Fr.: Wood.....	Philippines.....	---	1	---	Calif.*
<i>Sclerotiopsis concava</i> (Desm.) Shear & Dodge: <i>Rosa</i> sp.....	Netherlands.....	---	1	---	N. J.
<i>Sclerotium rolfsii</i> Sacc.: <i>Cattleya bowringiana</i> (orchid).....	Guatemala.....	---	1	---	Calif.*
<i>Cattleya</i> sp.....	Brazil, Colombia.....	---	2	---	N. J.
<i>Septoria aciculosa</i> Ell. & Ev.: <i>Fragaria</i> sp. (strawberry).....	Canada.....	---	1	---	N. J.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron</i> sp.....	Belgium.....	---	1	---	N. J.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Argentina, Spain.....	---	2	---	Mass., Tex.
<i>Septoria depressa</i> McAlp.: <i>Citrus sinensis</i> (orange).....	Australia.....	---	1	---	Wash.
<i>Septoria lycopersici</i> Speg.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Tex.
<i>Septoria macrosporia</i> Dearn.: <i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum). <i>Chrysanthemum</i> sp.....	do.....	1	---	---	Tex.
<i>Chrysanthemum</i> sp.....	Canada.....	---	1	---	Wash.
<i>Septoria orchidearum</i> West.: Orchid.....	Mexico.....	---	1	---	Tex.
<i>Septoria pyricola</i> Desm.: <i>Pyrus communis</i> (pear).....	Portugal.....	---	1	---	Pa.
<i>Septoria ribis</i> Desm.: <i>Ribes</i> sp. (black currant).....	Newfoundland.....	1	---	---	N. Y.
<i>Sphaeloma fawcettii</i> scabiosa Jenkins: <i>Citrus limon</i> (lemon).....	Australia.....	---	4	---	Calif., * N.Y.
<i>Sphaerodothis pringlei</i> (Pk.) Th. & Syd.: <i>Yucca</i> sp.....	Mexico.....	---	1	---	N. J.
<i>Sporonema ozycoeci</i> Shear: <i>Gentiana acaulis gigantea</i> .....	British Columbia.....	---	1	---	N. J.
<i>Stachylidium theobromae</i> Turc.: <i>Musa paradisiaca</i> (plantain)..... <i>Musa paradisiaca sapientum</i> (banana).....	Cuba.....	3	---	---	N. Y.
<i>Musa paradisiaca sapientum</i> (banana).....	Dominican Republic, Mexico.....	2	---	---	Calif., * N.Y.
<i>Stagonospora gigantea</i> Heald & Wolf: <i>Agave</i> sp.....	Mexico.....	---	1	---	Tex.
<i>Stemphylium botryosum</i> Wallr.: <i>Allium porrum</i> (leek).....	Scotland.....	---	1	---	N. Y.
<i>Thecaphora solani</i> Barrus: <i>Solanum stoloniferum</i> (potato).....	Mexico.....	1	---	---	Tex.
<i>Tilletia foetida</i> (Wallr.) Liro: <i>Triticum aestivum</i> (wheat).....	Ethiopia.....	---	1	---	D. C.
<i>Trichoderma viride</i> Fr.: <i>Oncidium wentworthianum</i> (orchid).....	Guatemala.....	---	1	---	Calif.*
<i>Trochila ilicis</i> (Chev.) Crouan: <i>Ilex</i> sp. (holly).....	British Columbia.....	1	---	---	Wash.
<i>Tubercularia vulgaris</i> Tode: <i>Acer</i> sp. (maple).....	Netherlands.....	---	1	---	N. J.
<i>Uredo anthurii</i> (Hariot) Sacc.: <i>Anthurium</i> sp.....	Guatemala.....	1	---	---	Calif., * Tex.
<i>Uredo guacae</i> Mayor: <i>Zygotatium burti</i> (orchid).....	Costa Rica.....	---	2	---	Tex.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium lanceanum</i> (orchid).....	Brazil.....	---	1	---	N. J.
<i>Ustilago bullata</i> Berk.: <i>Bromus catharticus</i> .....	Uruguay.....	---	1	---	D. C.
<i>Ustilago hordei</i> (Pers.) Lagh.: <i>Hordeum vulgare</i> (barley).....	Ethiopia, France, soldier's mail.....	2	---	1	D. C., Ohio.



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Disease and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Ustilago tritici</i> (Pers.) Rostr.: <i>Triticum aestivum</i> (wheat)-----	France, Peru-----	2	-----	-----	P. R., Tex.
<i>Valsa chlorina</i> Pat.: <i>Cocos nucifera</i> (coconut)-----	Guam-----	1	-----	-----	Hawaii.*
<i>Venturia pyrina</i> Aderh.: <i>Pyrus communis</i> (pear)-----	England, Mexico-----	1	1	-----	Calif.,* Tex.
<i>Vermicularia dematium</i> Fr.: <i>Anthurium</i> sp.-----	Guatemala-----	-----	-----	1	Calif.*
<i>Vermicularia herbarum</i> West. var. <i>dianthi</i> West. <i>Dianthus</i> sp. (carnation).-----	Ecuador-----	-----	-----	1	D. C.
<i>Xanthomonas citri</i> (Hasse) Doidge: <i>Citrus aurantifolia</i> (sour lime)-----	Ceylon, India, Kenya, Philippines.-----	-----	7	-----	Mass., N.Y., Wash.
<i>Citrus paradisi</i> (grapefruit)-----	Ceylon, India-----	-----	7	-----	Calif.,* N.Y. S. C.
<i>Citrus sinensis</i> (orange)-----	India-----	1	1	-----	Mass., S. C.

## Hosts and diseases

## ACER:

*Discosia artocreas* (Deuteromycetes)  
*Nectria cinnabarina* (Ascomycetes)  
*Tubercularia vulgaris* (Deuteromycetes)

## AERIDES. See Orchidaceae

## AGAVE:

*Stagonospora gigantea* (Deuteromycetes)

## ALLIUM. CEPA:

*Alternaria tenuis* (Deuteromycetes)  
*Botrytis byssocidea* (Deuteromycetes)  
*Botrytis squamosa* (Deuteromycetes)  
*Fusarium oxysporum* (Deuteromycetes)  
*Heterosporium allii* (Deuteromycetes)

## ALLIUM PORRUM:

*Stemphylium botryosum* (Deuteromycetes)

## ALLIUM SATIVUM:

*Aspergillus phaeocephalus* (Deuteromycetes)  
*Ditylenchus dipsaci*

## ALTHAEA:

*Cercospora althaeina* (Deuteromycetes)  
*Kuehneola malvicola* (Promycetes)

## ANTHURIUM:

*Gloeosporium anthurii* (Deuteromycetes)  
*Uredo anthurii* (Promycetes)  
*Vermicularia dematium* (Deuteromycetes)

## APIUM:

*Cercospora apii* (Deuteromycetes)

## ARMERIA:

*Cercospora insulana* (Deuteromycetes)

## ARUNDINARIA:

*Cercospora scolecotrichoides* (Deuteromycetes)

## BAMBOO:

*Anthostomella grandispora* (Ascomycetes)  
*Chlamydomyces palmarum* (Deuteromycetes)  
*Coniosporium sphaerospermum* (Deuteromycetes)  
*Diplodia theobromae* (Deuteromycetes)  
*Erioseptoria tritici* (Deuteromycetes)  
*Hendersonia donacis* form *bambusina* (Deuteromycetes)

*Papularia vinosa* (Deuteromycetes)

## BARKERIA:

*Glonium stellatum* (Ascomycetes)

## BRASSIA. See Orchidaceae

## BRASSICA OLERACEA CAPITATA:

*Alternaria circinans* (Deuteromycetes)

## BRASSICA RAFA:

*Alternaria circinans* (Deuteromycetes)

## BROMUS:

*Ustilago bullata* (Promycetes)

## BUXUS:

*Macrophoma candollei* (Deuteromycetes)  
*Puccinia buxi* (Promycetes)

## CACTACEAE:

*Ezoposporium cactivorum* (Deuteromycetes)

## CAJANUS:

*Colletotrichum cajani* (Deuteromycetes)

## CALAMUS:

*Graphiola phoenicis* (Promycetes)

## CAMELLIA:

*Microcera fujikuroi* (Deuteromycetes)  
*Phoma camelliae* (Deuteromycetes)

## CAMPANULA:

*Coleosporium campanulae* (Promycetes)

## CAPSICUM:

*Alternaria tenuis* (Deuteromycetes)  
*Colletotrichum nigrum* (Deuteromycetes)  
*Glomerella piperata* (Ascomycetes)  
*Phomopsis capsici* (Deuteromycetes)

## CARICA:

*Pucciniopsis caricae* (Deuteromycetes)

## CARYA:

*Cladosporium effusum* (Deuteromycetes)

## CATTLEA. See Orchidaceae

## CHLORIS:

*Puccinia chloridis* (Promycetes)

## CHRYSANthemum:

*Cercospora chrysanthemi* (Deuteromycetes)  
*Septoria macrospora* (Deuteromycetes)

## CITRUS AURANTIFOLIA:

*Elsinoe australis* (Ascomycetes)  
*Xanthomonas citri* (Schizomycetes)

## CITRUS LIMON:

*Elsinoe australis* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)  
*Septoria citri* (Deuteromycetes)  
*Sphaeloma fawcettii scabiosa* (Deuteromycetes)

## CITRUS PARADISI:

*Xanthomonas citri* (Schizomycetes)

## CITRUS SINENSIS:

*Alternaria citri* (Deuteromycetes)  
*Elsinoe australis* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)  
*Septoria depressa* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)

## Hosts and diseases—Continued

## CITRUS SP.:

*Alternaria citri* (Deuteromycetes)

## COCOS:

*Cytospora palmarum* (Deuteromycetes)

*Diplodia coccocarpa* (Deuteromycetes)

*Diplodia theobromae* (Deuteromycetes)

*Phomopsis cocoes* (Deuteromycetes)

*Valsa chlorina* (Ascomycetes)

## COFFEA:

*Cercospora coffeicola* (Deuteromycetes)

*Cercospora herrerana* (Deuteromycetes)

## CORDIA:

*Cercospora cordiae* (Deuteromycetes)

## CUCUMIS MELO:

*Alternaria nigrescens* (Deuteromycetes)

*Alternaria tenuis* (Deuteromycetes)

*Macrosporium cucumerinum* (Deuteromycetes)

## CUCUMIS SATIVUS:

*Cercospora cucurbiticola* (Deuteromycetes)

## CUCURBITA MAXIMA:

*Bacillus melonis* (Schizomycetes)

*Mycosphaerella citrullina* (Ascomycetes)

## CUCURBITA PEPO:

*Mycosphaerella citrullina* (Ascomycetes)

## CYDONIA:

*Fabraea maculata* (Ascomycetes)

## CYMBIDIUM—See Orchidaceae

## CYPERUS:

*Puccinia canaliculata* (Promycetes)

## CYPRIPEDIUM—See Orchidaceae

## DASYLIRION:

*Phymatotrichum omnivorum* (Deuteromycetes)

## DENDROBIUM—See Orchidaceae

## DIANTHUS:

*Alternaria dianthi* (Deuteromycetes)

*Vermicularia herbarum* var. *dianthi* (Deuteromycetes)

## ELEOCHARIS:

*Endoconidiophora adiposa* (Ascomycetes)

## EPIDENDRUM—See Orchidaceae

## ERYTHROXYLON:

*Phyllosticta erythroxyl* (Deuteromycetes)

## EUPHORBIA:

*Phyllosticta euphorbiaecola* (Deuteromycetes)

## FRAGARIA:

*Septoria aciculosa* (Deuteromycetes)

## FRAXINUS:

*Cercospora fraxinites* (Deuteromycetes)

## GALANTHUS:

*Botrytis galanthina* (Deuteromycetes)

## GARDENIA:

*Mycosphaerella gardeniae* (Ascomycetes)

*Omphalia flavida* (Basidiomycetes)

## GENTIANA:

*Sporonema ozyococi* (Deuteromycetes)

## GLADIOLUS:

*Botrytis gladioli* (Deuteromycetes)

*Fusarium oxysporum* (Deuteromycetes)

## GYPSOPHILA:

*Alternaria dianthi* (Deuteromycetes)

## HIBISCUS:

*Cercospora althaeina* (Deuteromycetes)

*Chaetomium botrychodes* (Ascomycetes)

*Kuehneola malvicola* (Promycetes)

## HORDEUM:

*Ustilago hordei* (Promycetes)

## ILEX:

*Trochila ilicis* (Ascomycetes)

## IPOMOEA:

*Diplodia theobromae* (Deuteromycetes)

*Diplodia tubercicola* (Deuteromycetes)

*Fusarium oxysporum* (Deuteromycetes)

*Macrophomina phaseoli* (Deuteromycetes)

*Plenodomus destruens* (Deuteromycetes)

## IRIS:

*Ditylenchus iridis*

*Leptosphaeria heterospora* (Ascomycetes)

## LACTUCA:

*Cercospora longissima* (Deuteromycetes)

## LAELIA—See Orchidaceae

## LILIUM:

*Botrytis elliptica* (Deuteromycetes)

*Colletotrichum lilii* (Deuteromycetes)

## LIPPIA:

*Aecidium evansii* (Promycetes)

## LYCOPERSICON:

*Bacillus aroidea* (?) (Schizomycetes)

*Colletotrichum nigrum* (Deuteromycetes)

*Didymella lycopersici* (Ascomycetes)

*Helminthosporium carposaprum* (Deuteromycetes)

*Phytophthora capsici* (Phycomycetes)

*Septoria lycopersici* (Deuteromycetes)

## MAGNOLIA:

*Ascochyta magnoliae* (Deuteromycetes)

## MAHONIA:

*Cumminsia sanguinea* (Promycetes)

## MALUS:

*Coniothyrium fuckelii* (Deuteromycetes)

*Cytospora leucostoma* (Deuteromycetes)

*Elsinoe priri* (Ascomycetes)

*Gloeosporium fructigenum* (Deuteromycetes)

*Gloeosporium perennans* (Deuteromycetes)

*Phyllosticta solitaria* (Deuteromycetes)

## MANGIFERA:

*Cercospora mangiferae* (Deuteromycetes)

*Gloeosporium mangiferae* (Deuteromycetes)

## MANIHOT:

*Cladosporium cucumerinum* (Deuteromycetes)

*Diplodia tubercicola* (Deuteromycetes)

## MEDICAGO:

*Ascochyta imperfecta* (Deuteromycetes)

*Pseudopeziza medicaginis* (Ascomycetes)

## MILTONIA—See Orchidaceae

## MUSA PARADISIACA:

*Cercospora musae* (Deuteromycetes)

*Stachylium theobromae* (Deuteromycetes)

## MUSA PARADISIACA SAPIENTUM:

*Cercospora musae* (Deuteromycetes)

*Stachylium theobromae* (Deuteromycetes)

## NARCISUS:

*Aphelenchoides subtenuis* (Nematoda)

*Ditylenchus dipsaci* (Nematoda)

*Fusarium bulbigenum* (Deuteromycetes)

## NERIUM:

*Cercospora neriella* (Deuteromycetes)

*Macrophoma oleandri* (Deuteromycetes)

*Phyllosticta nerii* (Deuteromycetes)

## ODONTOGLOSSUM—See Orchidaceae

## OLEA:

*Pseudomonas savastanoi* (Schizomycetes)

## ONCIDIUM—See Orchidaceae

## ORCHIDACEAE:

*Cercospora angreii* (Deuteromycetes)

*Colletotrichum lujae* (?) (Deuteromycetes)

*Colletotrichum orchidearum* form *odontoglossi* (Deuteromycetes)

*Colletotrichum stanhopaeae* (Deuteromycetes)

*Diplodia henriquesiana* (Deuteromycetes)

*Gloeosporium affine* (Deuteromycetes)

*Gloeosporium cattleyae* (Deuteromycetes)

*Gloeosporium cypridii* (Deuteromycetes)

*Gloeosporium dendrobii* (Deuteromycetes)

*Gloeosporium epidendri* (Deuteromycetes)

*Gloeosporium laeliae* (Deuteromycetes)

*Hemileia oncidii* (Promycetes)

*Hendersonia epidendri* (Deuteromycetes)

*Macrophoma orchidicola* (Deuteromycetes)

*Memnoniella echinata* (Deuteromycetes)

*Pestalotia conspicua* (Deuteromycetes)

*Phyllosticta laeliae* (Deuteromycetes)

*Physalospora campiospora* (Ascomycetes)

*Physalospora cattleyae* (Ascomycetes)

*Physalospora orchidearum* (Ascomycetes)

*Pythium ultimum* (Phycomycetes)

*Sclerotium rolfsii* (Deuteromycetes)

*Septoria orchidearum* (Deuteromycetes)

*Trichoderma viride* (Deuteromycetes)

*Uredo guacae* (Promycetes)

*Uredo oncidii* (Promycetes)

## ORYZA:

*Epidochium oryzae* (Deuteromycetes)

*Helminthosporium oryzae* (Deuteromycetes)

*Hormodendrum cladosporioides* (Deuteromycetes)

*Metasphaeria albescentis* (Ascomycetes)

*Mycosphaerella hondai* (Ascomycetes)

*Neovossia horrida* (Promycetes)

*Nigrospora oryzae* (Deuteromycetes)

*Nigrospora panici* (?) (Deuteromycetes)

*Nigrospora sphaerica* (Deuteromycetes)

*Phoma glumarum* (Deuteromycetes)

## Hosts and diseases—Continued

## ORYZA—Continued

- Phyllosticta miurai* (Deuteromycetes)  
*Pyrenochaeta oryzae* (Deuteromycetes)

## PAEONIA:

- Botrytis paeoniae* (Deuteromycetes)

## PANICUM:

- Didymosphaeria graminicola* (Ascomycetes)

## PASPALUM:

- Claviceps paspali* (Ascomycetes)  
*Fusarium heterosporum* (Deuteromycetes)

## PASSIFLORA:

- Phyllosticta superficiale* (Deuteromycetes)

## PERISTERIA—See Orchidaceae

## PERSEA:

- Botryosphaeria ribis* var. *chromogena* (Ascomycetes)

## PETROSELINUM:

- Fusicladium depressum* var. *petroselini* (Deuteromycetes)

## PHALAENOPSIS—See Orchidaceae

## PHASEOLUS LIMENSIS:

- Colletotrichum truncatum* (Deuteromycetes)  
*Elsinoe phaseoli* (Ascomycetes)

## PHASEOLUS SP. (string bean):

- Phytophthora phaseoli* (Phycomycetes)

## PHORMIUM:

- Physalospora phormii* (Ascomycetes)

## PHYSALIS:

- Ascochyta lycopersici* (Deuteromycetes)  
*Cercospora physalidis* (Deuteromycetes)  
*Nigrospora oryzae* (Deuteromycetes)

## PISUM:

- Ascochyta pisi* (Deuteromycetes)  
*Colletotrichum truncatum* (Deuteromycetes)

## PRIMULA:

- Cercospora primulae* (Deuteromycetes)  
*Rumularia primulae* (Deuteromycetes)

## PROSOPI:

- Gloeosporium leguminum* (Deuteromycetes)

## PRUNUS DOMESTICA:

- Monilinia fructicola* (?) (Ascomycetes)

## PRUNUS PERSICA:

- Monilinia fructicola* (?) (Ascomycetes)

## PRUNUS SP. (cherry):

- Monilinia fructicola* (?) (Ascomycetes)

## PSIDIUM:

- Cercospora psidii* (Deuteromycetes)  
*Pestalotia psidii* (Deuteromycetes)

## PUNICA:

- Cercospora lythracearum* (Deuteromycetes)

## PYRUS:

- Septoria pyricola* (Deuteromycetes)  
*Venturia pyrina* (Ascomycetes)

## QUERCUS:

- Actinopelte dryina* (Deuteromycetes)

## RHODODENDRON:

- Briosis azaleae* (Deuteromycetes)  
*Cercospora handelii* (Deuteromycetes)  
*Cytospora subcylpeata* (?) (Deuteromycetes)  
*Diplodina eurhodendri* (Deuteromycetes)  
*Glomerella cincta* (Ascomycetes)  
*Gloniopsis levantica* (Ascomycetes)  
*Lachnum virgineum* (Ascomycetes)

## RHODODENDRON—Continued

- Leptosphaeria azaleae* (Ascomycetes)  
*Mycosphaerella rhododendri* (Ascomycetes)  
*Pestalotia macrotricha* (Deuteromycetes)  
*Pestalotia rhododendri* (Deuteromycetes)  
*Septoria azaleae* (Deuteromycetes)

## RIBES:

- Septoria ribis* (Deuteromycetes)

## ROSA:

- Diplocarpon rosae* (Ascomycetes)  
*Dioscia artoceas* (Deuteromycetes)  
*Monochaetia compla* var. *ramulicola* (Deuteromycetes)

- Pleospora aculeorum* (Ascomycetes)

- Sclerotopsis concava* (Deuteromycetes)

## ROYSTONIA:

- Myrothecium roridum* (Deuteromycetes)

## SACCHARUM:

- Cercospora vaginae* (Deuteromycetes)  
*Colletotrichum lineola* (Deuteromycetes)  
*Nigrospora sphaerica* (Deuteromycetes)  
*Popularia vinosa* (Deuteromycetes)

## SALIX:

- Cytospora ambiens* (Deuteromycetes)

## SECALE:

- Claviceps purpurea* (Ascomycetes)

## SECHIUM:

- Mycosphaerella citrullina* (Ascomycetes)

## SOLANUM:

- Bacterium solanacearum* (Schizomycetes)  
*Ditylenchus destructor* (Nematoda)  
*Fusarium trichothecioides* (Deuteromycetes)  
*Oospora pustulans* (Deuteromycetes)  
*Thecaphora solani* (Promycetes)

## SORGHUM VULGARE:

- Cercospora sorghi* (Deuteromycetes)  
*Nigrospora sphaerica* (Deuteromycetes)

## SORGHUM VULGARE TECHNICUM:

- Colletotrichum graminicolum* (Deuteromycetes)

## SPINACIA:

- Peronospora effusa* (Phycomycetes)

## STANTHOPEA—See Orchidaceae

## TIGRIDIA:

- Ditylenchus dipsaci* (Nematoda)

## TRIFOLIUM:

- Cymadothea trifolii* (Ascomycetes)

## TRITICUM:

- Leptosphaeria tritici* (Ascomycetes)  
*Puccinia glumarum* (Promycetes)  
*Puccinia rubigo-vera tritici* (Promycetes)  
*Tilletia foetida* (Promycetes)  
*Ustilago tritici* (Promycetes)

## TULIPA:

- Botrytis tulipae* (Deuteromycetes)

## ULMUS:

- Ceratostomella ulmi* (Ascomycetes)

## YUCCA:

- Sphaerodothis pringlei* (Ascomycetes)

## ZINGIBER:

- Gliomastix convoluta* (Deuteromycetes)  
*Memnoniella echinata* (Deuteromycetes)

## Hosts unknown

## PALM:

- Catacauma palmicola* (Ascomycetes)  
*Graphiola phoenicis* (Promycetes)  
*Hysterostomella sabalicola* (Ascomycetes)  
*Pestalotia palmarum* (Deuteromycetes)

## PALM—Continued

- Phomopsis arecae* (?) (Deuteromycetes)

## WOOD:

- Schizophyllum commune* (Basidiomycetes)

## Countries of origin and diseases

## AMERICAN VIRGIN ISLANDS:

- Cladosporium cucumerinum* (?)

## ARGENTINA:

- Aspergillus phaeocephalus*  
*Elsinoe australis*  
*Mycosphaerella citrullina*  
*Septoria citri*

## AUSTRALIA:

- Claviceps paspali*  
*Fusarium heterosporum*  
*Gloeosporium dendrobii*  
*Mycosphaerella citrullina*

## AUSTRALIA—Continued

- Phoma citricarpa*  
*Physalospora phormii*  
*Septoria depressa*  
*Sphaelocoma fawcettii scabiosa*

## AZORES:

- Fusicladium depressum* var. *petroselini*

## BAHAMAS:

- Phyllosticta superficiale*

## BELGIUM:

- Cercospora anagris*  
*Cercospora handelii*



## Countries of origin and diseases—Continued

## BELGIUM—Continued

*Cytospora ambiens*  
*Mycosphaerella rhododendri*  
*Pestalotia macrotricha*  
*Pythium ultimum*  
*Septoria azaleae*

## BERMUDA:

*Macrophoma oleandri*  
*Phyllosticta nerii*

## BRAZIL:

*Elsinoe australis*  
*Hemileia oenidii*  
*Memnoniella echinata*  
*Physalospora orchidearum*  
*Sclerotium rolfsii*  
*Uredo oenidii*

## BRITISH COLUMBIA:

*Cercospora primulae*  
*Cumminsia sanguinea*  
*Ramularia primulae*  
*Sporonema oxyzocci*  
*Trochila ilicis*

## CANADA:

*Ascochyta magnoliae*  
*Cytospora leucostoma*  
*Diplodia euryhododendri*  
*Fusarium oxysporum*  
*Septoria aciculosa*  
*Septoria macrospora*

## CANAL ZONE:

*Gloeosporium affine*  
*Mycosphaerella citrullina*  
*Mycosphaerella gardeniae*  
*Phyllosticta laeliae*

## CEYLON:

*Xanthomonas citri*

## CHILE:

*Alternaria cucumerina*  
*Alternaria nigrescens*  
*Alternaria tenuis*

## CHINA:

*Cercospora scolecotrichoides*  
*Gliomastix convoluta*  
*Macrophoma candollei*  
*Memnoniella echinata*  
*Metasphaeria albescens*

## COLOMBIA:

*Anthostomella grandispora*  
*Gloeosporium cattleyae*  
*Phyllosticta laeliae*  
*Sclerotium rolfsii*

## COSTA RICA:

*Cercospora musae*  
*Colletotrichum lujae* (?)  
*Diplodia henriquesiana*  
*Fabraea maculata*  
*Gloeosporium cattleyae*  
*Pestalotia conspiciua*  
*Phyllosticta laeliae*  
*Uredo guacae*

## CUBA:

*Cercospora apii*  
*Cercospora longissima*  
*Mycosphaerella citrullina*  
*Pucciniopsis caricae*  
*Stachylium theobromae*

## DOMINICAN REPUBLIC:

*Bacillus aroidea* (?)  
*Cercospora musae*  
*Colletotrichum cajani*  
*Gloeosporium mangiferae*  
*Macrophomina phaseoli*  
*Mycosphaerella citrullina*  
*Myrothecium roridum*  
*Stachylium theobromae*

## DUTCH EAST INDIES:

*Physalospora orchidearum*

## ECUADOR:

*Nigrospora oryzae*  
*Vermicularia herbarum* var. *dianthi*

## ENGLAND:

*Alternaria circinans*  
*Ascochyta pisi*  
*Botrytis galanthina*  
*Briosia azaleae*  
*Ceratostomella ulmi*

## ENGLAND—Continued

*Cercospora angreii*  
*Cytospora ambiens*  
*Cytospora subcylpeata* (?)  
*Ditylenchus dipsaci*  
*Fusarium bulbigenum*  
*Gloeosporium cypridii*  
*Glomerella cincta*  
*Glomopsis lerantica*  
*Lachnum virgineum*  
*Leptosphaeria azaleae*  
*Pestalotia macrotricha*  
*Pestalotia rhododendri*  
*Phyllosticta laeliae*  
*Physalospora orchidearum*  
*Venturia pyrina*

## ETHIOPIA:

*Tilletia foetida*  
*Ustilago hordei*

## EUROPE:

*Discosia artocreas*

## FRANCE:

*Cercospora primulae*  
*Pseudomonas savastanoi*  
*Puccinia buxi*  
*Ustilago hordei*  
*Ustilago tritici*

## GERMANY:

*Botrytis tulipae*

## GUADELOUPE:

*Catacauma palmicola*

## GUAM:

*Valsa chlorina*

## GUATEMALA:

*Cercospora insulana*  
*Cercospora musae*  
*Colletotrichum orchidearum* form *odontoglossi*  
*Colletotrichum stanhopeae*  
*Gloeosporium affine*  
*Gloeosporium cattleyae*  
*Gloeosporium laeliae*  
*Glomium stellatum*  
*Hendersonia epidendri*  
*Macrophoma orchidicola* (?)  
*Pestalotia conspiciua*  
*Phyllosticta laeliae*  
*Physalospora camptospora*  
*Physalospora cattleyae*  
*Sclerotium rolfsii*  
*Trichoderma viride*  
*Uredo anthurii*  
*Vermicularia dematium*

## HAWAII:

*Diplodia theobromae*  
*Gloeosporium leguminum*

## HONDURAS:

*Diplodia tubercicola*

## INDIA:

*Epidochium oryzae*  
*Graphiola phoenicis*  
*Xanthomonas citri*

## ITALY:

*Leptosphaeria heterospora*

## JAMAICA:

*Phoma glumarum*

## JAPAN:

*Coniothyrium fuckelii*  
*Horomodendrum cladosporioides*  
*Mycosphaerella hondai*  
*Nigrospora sphaerica*  
*Phyllosticta miurai*  
*Puccinia glumarum*

## KENYA COLONY:

*Xanthomonas citri*

## LUXEMBURG:

*Aphelenchoides subtenius*

## MALAYSIA:

*Glomerella piperata*

## MARSHALL ISLANDS:

*Diplodia coccoearpa* var. *malaccensis*

## MARTINIQUE:

*Cercospora musae*

## MEXICO:

*Actinopelte dryina*  
*Aecidium evansii*  
*Alternaria circinans*

## Countries of origin and diseases—Continued

## MEXICO—Continued

*Alternaria citri*  
*Alternaria dianthi*  
*Alternaria tenuis*  
*Ascochyta imperfecta*  
*Ascochyta lycopersici*  
*Ascochyta pisi*  
*Bacillus melonis*  
*Bacterium solanacearum*  
*Botryosphaeria ribis* var. *chromogena*  
*Botrytis byssoides*  
*Botrytis elliptica*  
*Botrytis squamosa*  
*Cercospora althaeina*  
*Cercospora chrysanthemi*  
*Cercospora coffeicola*  
*Cercospora cordiae*  
*Cercospora fraxinites*  
*Cercospora herreraana*  
*Cercospora insulana*  
*Cercospora lythracearum*  
*Cercospora mangiferae*  
*Cercospora musae*  
*Cercospora neriella*  
*Cercospora physalidis*  
*Cercospora psidii*  
*Cercospora sorghi*  
*Cercospora vaginiae*  
*Chlamydomyces palmarum*  
*Cladosporium effusum*  
*Colletotrichum graminicolum*  
*Colletotrichum lilii*  
*Colletotrichum lincola*  
*Colletotrichum nigrum*  
*Colletotrichum truncatum*  
*Didymella lycopersici*  
*Diplodia theobromae*  
*Ditylenchus dipsaci*  
*Exosporium cactivorum*  
*Fusarium oxysporum*  
*Fusarium trichothecioideis*  
*Gloeosporium leguminum*  
*Gloeosporium perennans*  
*Graphiola phoenicis*  
*Helminthosporium carposaprum*  
*Heterosporium allii*  
*Hysterostomella sabalicola*  
*Kuehneola malticola*  
*Microcera fujikuroi*  
*Monilinia fructicola* (?)  
*Mycosphaerella citrullina*  
*Nigrospora oryzae*  
*Nigrospora sphaerica*  
*Omphalia flava*  
*Oospora pustulans*  
*Papularia cinosa*  
*Peronospora effusa*  
*Pestalotia psidii*  
*Phomopsis capsici*  
*Phyllosticta euphorbiaecola*  
*Phyllosticta laeliae*  
*Phyllosticta solitaria*  
*Phymatotrichum omnivorum*  
*Physalospora cattleyae*  
*Physalospora orchidearum*  
*Phytophthora capsici*  
*Phytophthora phaseoli*  
*Plenodomus destruens*  
*Pseudopeziza medicaginis*  
*Puccinia canaliculata*  
*Puccinia chloridis*  
*Septoria lycopersici*  
*Septoria macrospora*  
*Septoria orchidearum*  
*Sphaerodothis pringlei*  
*Stachytidium theobromae*  
*Stagonospora gigantea*  
*Thecaphora solani*  
*Venturia pyrina*

## NETHERLANDS:

## NETHERLANDS—Continued

*Discoaria artocreas*  
*Ditylenchus iridis*  
*Fusarium bulbigenum*  
*Leposphaeria tritici*  
*Monochaetia compta* var. *ramulicola*  
*Mycosphaerella rhododendri*  
*Nectria cinnabarina*  
*Pleospora aculeorum*  
*Puccinia rubigo-vera tritici*  
*Sclerotopsis concava*  
*Tubercularia vulgaris*

NEWFOUNDLAND:  
*Septoria ribis*

NEW GUINEA:  
*Didymosphaeria graminicola*  
*Gloeosporium denrobii*

NEW HEBRIDES:  
*Cytospora palmarum*

NEW ZEALAND:  
*Claviceps purpurea*  
*Leposphaeria heterospora*

OKINAWA (?):  
*Phyllosticta miurai*  
*Pyrenochaeta oryzae*

PANAMA:  
*Cercospora cucurbiticola*  
*Cercospora musae*  
*Colletotrichum nigrum*  
*Mycosphaerella citrullina*

PARAGUAY:  
*Claviceps paspali*

PERU:  
*Phyllosticta erythrozyli*  
*Ustilago tritici*

PHILIPPINES:  
*Diplodia theobromae*  
*Gloeosporium affine*  
*Phyllosticta laeliae*  
*Schizophyllum commune*  
*Xanthomonas citri*

PORTUGAL:  
*Ascochyta pisi*  
*Septoria pyricola*

PUERTO RICO:  
*Cercospora musae*  
*Colletotrichum cajani*  
*Colletotrichum truncatum*  
*Elsinoe phaseoli*  
*Macrophomina phaseoli*  
*Phoma glumarum*

ST. LUCIA:  
*Gloeosporium epidendri*

SAMOA:  
*Phomopsis arecae* (?)

SCOTLAND:  
*Stemphylium botryosum*

SOUTH PACIFIC:  
*Chaetomium bostrychodes*  
*Physalospora orchidearum*

SPAIN:  
*Elsinoe piri*  
*Septoria citri*

SWEDEN:  
*Ditylenchus destructor*

SWITZERLAND:  
*Phoma camelliae*

TRINIDAD:  
*Gloeosporium anthurii*

ULITHI:  
*Phomopsis cocoas*

UNION OF SOUTH AFRICA:  
*Gloeosporium fructigenum*

UNKNOWN:  
*Alternaria citri*  
*Coniosporium sphaerospermum*  
*Cymadothea trifolii*  
*Eriosporina tritici*  
*Helminthosporium oryzae*  
*Hendersonia donacis* form *bambusina*  
*Leposphaeria tritici*  
*Neovossia horrida*  
*Nigrospora oryzae*  
*Nigrospora panici* (?)  
*Pestalotia palmarum*  
*Pseudopeziza medicaginis*

*Countries of origin and diseases—Continued*

## UNKNOWN—Continued

*Puccinia rubigo-vera tritici**Ustilago hordei*

## URUGUAY:

*Ascochyta pisi**Elsinoe australis**Mycosphaerella citrullina**Ustilago bullata*

## VENEZUELA:

*Diplocarpon rosae**Diplodia tubericola**Gloeosporium affine**Gloeosporium catleyae**Memmoniella echinata*

## VIRGIN ISLANDS:

*Elsinoe phaseoli*











